

Patents



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At Indena we believe that an in-depth knowledge in active ingredients derived from medicinal plants and the search for excellence at all times are crucial commitments to serving our customers in pharmaceuticals, health foods and cosmetics.

Research and production technologies are the main focus of our mission and the way we create a “value difference” for our partners. And we’ve got more than 80 years of experience to prove it.

Indena patents and patent applications

Title: *Compositions for the treatment of chronic degenerative inflammatory conditions*
Inventors: Bombardelli E., Morazzoni P.
Priority: 08/08/2006 EP 060165180
Application: EP 060165180, WO 2008/017390
Granted:

Title: *Stable and bioavailable compositions of isomers of carotenoids for skin and hair*
Inventors: Giori A., Franceschi F.
Priority: 08/08/2006 EP 060164753
Application: EP 060164753, US 11/501174, WO 2008/017401
Granted:

Title: *Methods for treating and preventing mucositis*
Inventors: Bombardelli E., Morazzoni P.
Priority: 28/07/2006 EP 060157328
Application: EP 060157328, US 11/829138, WO 2008/012666
Granted:

Title: *Camptothecin derivatives with antitumor activity*
Inventors: Fontana G., Bombardelli E., Manzotti C., Battaglia A., Samori C.
Priority: 26/07/2006 IT MI 2006A 001474
Application: IT MI 2006A 001474, WO 2008/012003
Granted:

Title: *Camptothecin derivatives with antitumor activity*
Inventors: Fontana G., Bombardelli E., Manzotti C., Battaglia A., Samori C.
Priority: 26/07/2006 IT MI 2006A 001473
Application: IT MI 2006A 001473, WO 2008/011994
Granted:

Title: *Camptothecin derivatives with antitumor activity*
Inventors: Fontana G., Bombardelli E., Manzotti C., Battaglia A., Samori C.
Priority: 26/07/2006 IT MI 2006A 001475
Application: IT MI 2006A 001475, WO 2008/011992
Granted:

Title: *A process for the preparation of a taxane derivative*
Inventors: Gabetta B., Ciceri D.
Priority: 12/05/2006 EP 060098134
Application: EP 060098134, IN 1182/DEL/2006, US 11/432866; AR P070102026, CL 13422007, PE 0005622007/OIN, VE 0009872007, UY 30341, WO 2007/131601
Granted: US 7232916

Title: *Phospholipid complexes of olive fruits or leaves extracts having improved bioavailability*
Inventors: Franceschi F., Giori A.
Priority: 13/04/2006 EP 060078201
Application: EP 060078201, WO 2007/118631
Granted:

Title: *Phospholipid complexes of Curcumin having improved bioavailability*
Inventors: Giori A., Franceschi F.
Priority: 09/03/2006 EP 060048204
Application: EP 060048204, WO 2007/101551
Granted:

Title: *Phaseolus vulgaris extracts, their use and formulations containing them*
Inventors: Berlanda D., Bertani M., Bombardelli E., Donzelli F., Gardi A., Ponzone C.
Priority: 22/12/2005 IT MI2005A 002451
Application: IT MI 2005A 002451, WO 2007/071333
Granted:

Title: *Phaseolus vulgaris extracts, their use and formulations containing them*
Inventors: Berlanda D., Bertani M., Bombardelli E., Donzelli F., Gardi A., Ponzone C.
Priority: 22/12/2005 IT MI2005A 002450
Application: IT MI 2005A 002450, WO 2007/071334
Granted:

Title: *Grape seeds extracts obtainable by fractioning on a resin*
Inventors: Giori A., Anelli A.
Priority: 29/07/2005 IT MI2005A 001485
Application: IT MI 2005A 001485, WO 2007/017037 (EP, AU, CA, CN, KR, RU, JP, IN, IL, NZ, SG, US) HK (to be advised)
Granted:

Title: *Thiocolchicoside analogues with myorelaxant and anti-inflammatory activity*
Inventors: Fontana G., Bombardelli E., Riva A., Morazzoni P., Pocar D., Gelmi M.L., Pontremoli G.
Priority: 22/07/2005 IT MI2005A 001418
Application: IT MI 2005A 001418, WO 2007/009772 (EP, AU, BR, CA, CN, KR, RU, JP, IN, IL, MX, NO, NZ, SG, US) HK (to be advised)
Granted:

Title: *Salix extracts, its use and formulations containing it*
Inventors: Bombardelli E., Giori A., Anelli A.
Priority: 14/07/2005 IT MI2005A 001349
Application: IT MI 2005A 001349, WO 2007/006384 (EP, AU, CA, CN, KR, RU, JP, IN, IL, NO, NZ, SG, US) HK (to be advised)
Granted:

Title: *Cynara scolimus extracts, the use thereof and formulations containing them*
Inventors: Bombardelli E., Fontana G., Giori A., Morazzoni P., Ronchi M., Arpini S.
Priority: 14/07/2005 IT MI2005A 001347
Application: IT MI 2005A 001347, WO 2007/006391 (EP, AU, CA, CN, KR, RU, JP, IN, IL, NO, NZ, SG, US), HK (to be advised)
Granted:

Title: *A process for the purification of 10-deacetylba-
cantine III from 10-deacetyl-2-debenzoyl-2-
pentenoylbaccatine III*

Inventors: Gabetta B., Gambini A.

Priority: 12/04/2005 IT MI2005A 000614

Application: IT MI 2005A 000614, WO 2006/108561 (EP, AU,
CA, CN, KR, RU, JP, IN, IL, NO, NZ, SG, US), HK
(to be advised)

Granted:

Title: *Semisynthesis process for the preparation of
10-deacetyl-N-debenzoyl-paclitaxel*

Inventors: Gabetta B., Gambini A., Bombardelli E., Fontana G.

Priority: 11/04/2005 EP 050078880

Application: US 11/244171, WO 2006/037653 (EP, AU, BR,
CA, CN, KP, RU, JP, IN, IL, MX, NO, NZ, SG, ZA,
US), HK 071136204

Granted:

Title: *Semi-synthetic taxane derivatives with antitumor activity*

Inventors: Fontana G., Bombardelli E., Appendino G.

Priority: 15/03/2005 IT MI2005A 000415

Application: IT MI 2005A 000415, WO 2006/097262 (EP, AU,
CA, CN, KR, RU, JP, IN, IL, NO, NZ, SG, US), HK
(to be advised)

Granted:

Title: *Compositions comprising extracts from
sanguinaria or macleaya*

Inventors: Bombardelli E., Ronchi M., Di Nicolò P.

Priority: 17/12/2004 IT MI2004A 002414

Application: IT MI 2004A 002414, WO 2006/063716 (EP, AU,
CA, CN, KR, RU, JP, IN, IL, NO, NZ, SG, US), HK
(to be advised)

Granted:

Title: *Process for the preparation of
galanthamine hydrobromide*

Inventors: Gabetta B., Mercalli E.

Priority: 17/12/2004 IT MI2004A 002413

Application: IT MI 2004A 002413, WO 2006/063666 (EP, AU,
CA, CN, KR, RU, JP, IN, IL, NO, NZ, SG, US), HK
(to be advised)

Granted:

Title: *TRPV1 agonists, formulations containing them
and uses thereof*

Inventors: Morazzoni P., Riva A., Fontana G., Appendino G.,
Di Marzo V.

Priority: 30/07/2004 IT MI2004A 001566

Application: IT MI 2004A 001566, WO 2006/010445 (EP, AU,
CA, CN, KR, JP, IN, IL, NO, NZ, RU, SG, US), HK
071111926

Granted:

Title: *Methods for obtaining paclitaxel from taxus plants*

Inventors: Gabetta B., Zini G.F.

Priority: 13/07/2004 EP 040164931

Application: KR 56725/2004, WO 2006/005429 (AU, CA, CN,
RU, JP, IN, IL, NO, NZ), HK 071095276

Granted: US 7112687, EP 1616868

Title: *A process for the semisynthesis of deserpidine*

Inventors: Fontana G., Bombardelli E., Samori C., Baldelli E.,
Guerrini A., Battaglia A., Danieli B.

Priority: 25/03/2004 IT MI2004A 000582

Application: IT MI 2004A 000582, WO 2005/095394 (EP,
AU, CA, CN, KR, RU, JP, IN, IL, NO, NZ, SG, US),
HK 071059109

Granted:

Title: *N-Deacetylthiocolchicine derivatives, their use
and pharmaceutical formulations containing them*

Inventors: Bombardelli E., Fontana G.

Priority: 03/02/2004 IT MI2004A 000164

Application: IT MI 2004A 000164, WO 2005/075418 (EP, AU,
CA, CN, KR, RU, JP, IN, IL, NO, NZ, SG, US),
HK 071086222

Granted:

Title: *Use of Ginkgo complex for the enhancement of
cognitive function and mental fatigue functions*

Inventors: Morazzoni P., Petrini O., Scholey A., Kennedy D.

Priority: 29/01/2004 EP 040019374

Application: EP 040019374, WO 2005/074956 (AU, CA, CN,
KR, RU, JP, IN, IL, NO, NZ, PL, SG, US),
HK 071049736

Granted:

Title: *Compositions for the treatment of affections of
the oral cavity and upper respiratory tract*

Inventors: Bombardelli E.

Priority: 24/11/2003 IT MI2003A 002287

Application: IT MI 2003A 002287, WO 2005/053719 (EP,
AU, CA, CN, KR, RU, JP, IN, IL, NO, NZ, SG, US),
HK 071026136

Granted:

Title: *Compositions for the treatment of atopic
dermatitis, skin allergic conditions and acne*

Inventors: Bombardelli E.

Priority: 4/11/2003 IT MI2003A 002286

Application: IT MI 2003A 002286, WO 2005/053720 (EP,
AU, BR, CA, CN, KR, RU, JP, IN, IL, NO, NZ, SG,
US), HK 071026145

Granted: EP 1713490

Title: *p185neu encoding DNA and therapeutical uses thereof*

Inventors: Amici A., Cavallo F., Forni G., Marchini C.

Priority: 09/10/2003 IT MI2003A 001942

Application: IT MI 2003A 001942, WO 2005/039618 (EP,
AU, CA, CN, KR, RU, JP, IN, IL, NO, NZ, SG, US),
HK 071014737

Granted:

Title: *Oral compositions for the treatment of cellulite*

Inventors: Bombardelli E.

Priority: 19/09/2003 IT MI2003A 001789

Application: IT MI 2003A 001789, WO 2005/027947 (AU,
CA, CN, KR, RU, JP, IN, IL, NO, NZ, SG, US),
HK 071003259

Granted: EP 1663267

Title: *Combinations of vasoactive agents and their use in the treatment of sexual dysfunction*
 Inventors: Bombardelli E.
 Priority: 11/07/2003 IT MI2003A 001428
 Application: IT MI 2003A 001428, WO 2005/004890 (EP Div, AU, CA, CN, KR, RU, JP, IN, NO, SG, US), HK 061117538
 Granted: EP 1644014

Title: *Combinations of vasoactive agents, their use in the pharmaceutical and cosmetic field, and formulations containing them*
 Inventors: Bombardelli E.
 Priority: 11/07/2003 IT MI2003A 001427
 Application: IT MI 2003A 001427, WO 2005/004858 (EP, AU, BR, CA, CN, KR, RU, JP, IN, NO, NZ, SG, US), HK 061117501
 Granted:

Title: *Formulations for the treatment of arthritis conditions*
 Inventors: Bombardelli E.
 Priority: 27/06/2003 IT MI2003A 001311
 Application: IT MI 2003A 001311, WO 2005/002611 (EP, AU, BR, CA, CN, KR, RU, JP, IN, IL, MX, NO, NZ, SG, US), HK 061113426
 Granted:

Title: *Combinations of vasoprotective agents and formulations containing them*
 Inventors: Bombardelli E.
 Priority: 27/06/2003 IT MI2003A 001313
 Application: IT MI 2003A 001313, WO 2005/000041 (EP, AU, BR, CA, CN, KR, RU, JP, IN, MX, NO, NZ, SG, US), HK 061113471
 Granted:

Title: *Colchicoside analogues*
 Inventors: Bombardelli E., Fontana G..
 Priority: 06/06/2003 IT MI2003A 001144
 Application: IT MI 2003A 001144, WO 2004/111068 (EP, AU, BR, CA, KR, RU, JP, IN, IL, MX, NO, NZ, US), HK 061106513
 Granted: CN ZL2004800156654, SG 117213

Title: *Biotransformation of colchicinoid compounds*
 Inventors: Ponzone C.
 Priority: 07/05/2003 TR 2003/00618
 Application: TR 2003/00618, WO 2005/108595 (EP, AU, CA, CN, KR, RU, JP, IN, IL, NO, NZ, SG, US), HK 071073209
 Granted:

Title: *A process for the preparation of ferutinine from Ferula genus plants*
 Inventors: Bombardelli E., Fontana G., Cristoni A., Mercalli E.
 Priority: 04/04/2003 IT MI2003A 000661
 Application: IT MI 2003A 000661, WO 2004/087179 (EP, AU, BR, CA, CN, KR, RU, JP, IN, ID, IL, NO, SG, US), HK 061078241
 Granted:

Title: *The use of lupin conglutin for the treatment of type II diabetes*
 Inventors: Morazzoni P., Duranti M.
 Priority: 11/02/2003 IT MI2003A 000237
 Application: IT MI 2003A 000237, WO 2004/071521, HK 061060134
 Granted: SG 114893

Title: *Taxane derivatives functionalized at the 14-position and a process for the preparation thereof*
 Inventors: Fontana G., Bombardelli E., Battaglia A., Baldelli E., Guerrini A., Gelmi M.L., Careni G., Pocar D.
 Priority: 10/09/2002 IT MI2002A 001921
 Application: IT MI 2002A 001921, WO 2004/024706 (EP, AU, CA, CN, KR, RU, JP, IN, IL, NO, PL, US), HK 061001975
 Granted: SG 110405

Title: *Echinacea angustifolia extracts*
 Inventors: Giori A., Anelli A., Morazzoni P., Di Pierro F.
 Priority: 30/07/2002 IT MI2002A 001691
 Application: IT MI 2002A 001691, WO 2004/014404 (AU, BR, CA, KR, RU, JP, IN, IL, NO, PL)
 Granted: US 6881426, SG 109743, EP 1539203, CN ZL038180618, HK 1079101

Title: *Polysaccharide of Echinacea angustifolia*
 Inventors: Giori A., Anelli A., Morazzoni P., Di Pierro F.
 Priority: 30/07/2002 IT MI2002A 001692
 Application: WO 2004/014958 (AU, CA, KR, JP, IN, IL, NO, PL)
 Granted: US 6818761, EP 1560855, CN ZL038181797, SG 109202, HK 1079224, RU 2308460

Title: *Formulations useful in the treatment of male and female impotence*
 Inventors: Bombardelli E., Morazzoni P., Riva A., Seghizzi R.
 Priority: 10/05/2002 IT MI2002A 000994
 Application: WO 03/094944 (CA, CN, KR, JP, IL, NO, PL, US), HK 051081292
 Granted: EP 1505997, EP 1652520, SG 107011, AU 2003232248, RU 2313358

Title: *Formulations useful in the treatment of male and female impotence*
 Inventors: Bombardelli E., Morazzoni P., Riva A., Seghizzi R.
 Priority: 10/05/2002 IT MI2002A 000990
 Application: WO 03/094943 (EP Div, CA, CN, KR, JP, IN, IL, NO, PL, SG) HK 051081149
 Granted: EP 1503775, SG 107009, US 7128932, AU 2003240478, IT 1339715, RU 2313357

Title: *Hyperforin derivatives, the use thereof and formulations containing them*
 Inventors: Bombardelli E., Morazzoni P., Riva A., Fuzzati N.
 Priority: 23/04/2002 IT MI2002A 000872
 Application: WO 03/091194 (EP, AU, CA, KR, RU, JP, IN, IL, NO, PL)
 Granted: US 7105705, SG 107010, CN ZL038089319, HK 1075654, IT 1339410

Title: *A semi-synthetic process for the preparation of N-debenzoylpaclitaxel*

Inventors: Bombardelli E., Fontana G.
 Priority: 12/04/2002 IT MI2002A 000782
 Application: WO 03/087077 (AU, CA, KR, JP, IN, IL, NO, PL)
 Granted: EP 1495011, SG 106971, US 7053222, CN ZL038081881, RU 2302415, HK 1075661

Title: *A process for the preparation of tomato extracts with high content in lycopene*

Inventors: Giori A.
 Priority: 27/03/2002 IT MI2002A 000632
 Application: WO 03/079816 (AU, CA, KR, JP, IN, IL, NO, PL, US)
 Granted: EP 1487282, SG 106849, CN ZL038070006, RU 2304886, HK 1075182

Title: *A process for the extraction, purification and enzymatic modification of soy 7S globulin alpha' subunit for use as hypocholesterolemizing agent*

Inventors: Morazzoni P., Duranti M.
 Priority: 29/01/2002 IT MI2002A 000147
 Application: WO 03/063608 (AU, CA, CN, KR, JP, IN, NO, PL, US), HK 051061633
 Granted: EP 1469741, SG 105429, IL 163225, RU 2300898

Title: *A process for the preparation of the 14beta-hydroxy-baccatin III-1, 14 carbonate*

Inventors: Bombardelli E., Fontana G., Gelmi M.L., Pocar D.
 Priority: 19/10/2001 IT MI2001A 002186
 Application: WO 03/035633 (EP, AU, BR, CA, CN, KR, RU, JP, IN, IL, NO, PL, HU)
 Granted: IT 1326606, SG 104056, US 7078432, CN ZL028205227, HK 1069170, RU 2291866, MX 247980

Title: *A process for the preparation of the 14beta-hydroxy-baccatin III-1, 14 carbonate*

Inventors: Bombardelli E., Fontana G., Battaglia A., Guerrini A., Baldelli E.
 Priority: 19/10/2001 IT MI2001A 002185
 Application: WO 03/035634 (EP, AU, BR, CA, KR, JP, IN, IL, NO, PL, HU), HK 061003633
 Granted: IT 1326605, RU 2285000, SG 104055, CN ZL028205235, MX 251186, US 7317113

Title: *C-2' methylated derivatives of paclitaxel for use as antitumour agents*

Inventors: Bombardelli E., Fontana G., Battaglia A., Cimitan S.
 Priority: 07/08/2001 IT MI2001A 001734
 Application: WO 03/013503 (BR, CA, CN, KR, JP, IN, IL, NO, PL, HU, US), HK 041094957
 Granted: IT 1326296, SG 102808, US 7153884, RU 2287528, EP 1423108, MX 245775, AU 2002328942

Title: *Oral compositions for the treatment of scalp disorders*

Inventors: Di Piero F.
 Priority: 07/08/2001 IT MI2001A 001732
 Application: WO 03/013561 (BR, CA, KR, JP, IN, IL, NO, PL, CZ, SK, HU)
 Granted: EP 1414473, RU 2274470, SG 102362, CN ZL018235220, US 7201931, AU 2002231622, HK 1067559, MX 246513

Title: *Pharmaceutical and/or cosmetic compositions for the treatment of localised adiposities and cellulite*

Inventors: Di Piero F.
 Priority: 05/06/2001 IT MI2001A 001182
 Application: WO 02/098436 (CA, KR, JP, IN, NO, PL, CZ, SK, HU, US), HK 041060920
 Granted: IT 1325578, SG 101188, RU 2291683, EP 1392335, AU 2002304632, CN ZL028112911

Title: *Pharmaceutical and cosmetic compositions against skin aging*

Inventors: Di Piero F.
 Priority: 17/05/2001 IT MI2001A 001022
 Application: WO 02/092042 (EP, CA, CN, KR, PH, JP, IN, IL, NO, PL, CZ, SK, HU, US Div), HK 051001823
 Granted: IT 1324863, RU 2290921, SG 101034, AU 2002342279, US 7214395

Title: *Pharmaceutical and cosmetic compositions for the protection of the skin from damages induced by sun radiations*

Inventors: Di Piero F.
 Priority: 02/03/2001 IT MI2001A 000429
 Application: WO 02/072051 (CA, KR, JP, IN, NO, PL, CZ, SK, SG, HU, US)
 Granted: EP 1363588, CN ZL028057481, AU 2002237310, HK 1060975, RU 2284191, IL 157630

Title: *A process for the preparation of paclitaxel*

Inventors: Bombardelli E., Pontiroli A., Battaglia A., Guerrini A., Dambruoso P.
 Priority: 06/12/2000 IT MI2000A 002654
 Application: WO 02/46177 (EP, CA, KR, JP, IN, NO, CZ, SK, HU), HK 041058461
 Granted: EP 1339703, US 6768012, SG 97099, AU 2002234535, RU 2276147, CN ZL018200745, IL 156331, PL 195121

Title: *Chromatographic separation method of paclitaxel and cephalomannin*

Inventors: Gabetta B., Zini G.F.
 Priority: 28/11/2000 US 09/724504
 Application: WO 02/44162 (EP, CA, KR, JP, IL, NO, PL, CZ, SK, HU), AR P010105483
 Granted: US 6333419, CN ZL 018041345, AU 780761, SG 90555, HK 1050523, RU 2276669

Title: *A process for the preparation of taxane derivatives*

Inventors: Bombardelli E., Pontiroli A.
 Priority: 28/11/2000 IT MI2000A 002553
 Application: WO 02/44161 (EP, CA, IN, JP, NO, PL, CZ, SK, HU)
 Granted: US 6737534, EP 1347984, SG 97093, CN ZL018196128, RU 2275365, AU 2002229563, HK 1059778, IL 156141, KR 0799393

Title: *Process for the preparation of baccatin III derivatives*

Inventors: Pontiroli A., Bombardelli E.
 Priority: 10/08/2000 IT MI2000A 001869
 Application: IT MI2000A 001869, WO 02/12215 (EP, AU, CA, CN Div, KR, IN, JP, NO, PL, CZ, SK, HU), HK Div 061088668
 Granted: EP 1307436, US 6828445, US 7078538, RU 2264394, SG 95113, CN ZL018138675, CN ZL2005100873136, HK 1055964, IL 154330

Title: *N-Deacetylthiocolchicine derivatives and pharmaceutical compositions containing them*
 Inventors: Bombardelli E., Pontiroli A.
 Priority: 17/03/2000 IT MI2000A 000554
 Application: WO 01/68597 (EP, CA, IN, IL, JP, NO, PL, CZ, SK, HU, US)
 Granted: US 6627774, IT 1318401, CN 018064833, AU 20011248341, SG 90837, HK 1052168, RU 2257379, KR 0761577

Title: *Condensation derivatives of thiocolchicine and baccatin as antitumor agents*
 Inventors: Bombardelli E., Pontiroli A.
 Priority: 17/03/2000 ITMI2000A 000553
 Application: WO 01/68089 (EP, CA, IN, JP, NO, CZ, SK, HU, US)
 Granted: US 6683109, IT 1319168, SG 90856, AU 2001250377, RU 2264393, CN ZL018064434, HK 1051973, IL 151714, KR 0766161

Title: *Semi-synthetic taxanes with antitumor and antiangiogenic activities*
 Inventors: Bombardelli E., Pontiroli A.
 Priority: 18/01/2000 IT MI2000A 000056
 Application: WO 01/53282 (EP, CA, KR, JP, IN, NO, PL, CZ, HU, US)
 Granted: EP 1248776, CN ZL018038344, SG 90558, AU 781650, HK 1049998, RU 2259363, IL 150787, SK 285683, US RE39723

Title: *Novel derivatives of flavones, xanthenes and coumarins*
 Inventors: Bombardelli E., Valenti P.
 Priority: 03/09/99 GB 99209124
 Application: WO 01/17985 (CA, KR, JP, NO, PL, CZ, SK, SG, HU)
 Granted: EP 1212312, US 6608089, HK 1043368, AU 775790, CN ZL008121818, RU 2252221

Title: *Chalcones coumarins*
 Inventors: Bombardelli E., Valenti P.
 Priority: 03/09/99 GB 99209082
 Application: WO 01/17984 (CA, KR, JP, NO, PL, CZ, SK, HU)
 Granted: EP 1212311, HK 1043997, CN 00812163X, SG 86597, US 6767916, AU 775083, RU 2002108567

Title: *Novel chalcones*
 Inventors: Bombardelli E., Valenti P.
 Priority: 03/09/99 GB 99209108
 Application: WO 01/17988 (CA, KR, JP, NO, PL, CZ, SK, HU)
 Granted: EP 1212315, US 6620842, HK 1043999, SG 86594, AU 776226, CN 008123039, RU 2252938

Title: *Taxanes derivatives and processes for the preparation thereof*
 Inventors: Bombardelli E., Gabetta B. Pontiroli A.
 Priority: 06/07/99 IT MI99A 001483
 Application: WO 01/02407 (CA, CN Div., JP, IN, NO, PL, CZ, SK, HU), HK Div 061094385
 Granted: IT 1312991, SG 85838, AU 771737, EP 1192162, EP 1529777, CN ZL00809683X, CN ZL2004100346720, RU 2245882, US 6906101, HK 1047096, HK 1068879, IL 147445, KR 778156

Title: *Tanacetum parthenium extract*
 Inventors: Bombardelli E., Morazzoni P.
 Priority: 03/06/99 IT MI99A 001244
 Application: WO 00/74695 (CA, JP, NO, PL, SK, HU)
 Granted: US 6224875, US 6479080, EP 1181030, SG 85358, AU 769365, RU 2241475, CZ 285014, CN ZL008082944, HK 1046245, IL 146841, KR 0727121

Title: *A process for the preparation of derivatives of Ruscus aculeatus steroid glycosides*
 Inventors: Acquati W., Ponzone C.
 Priority: 01/06/99 IT MI99A 001223
 Application: WO 00/73489 (CA, JP, NO, PL, CZ, SK, HU)
 Granted: US 6528280, SG 85340, AU 773234, EP 1181384, RU 2249043, CN ZL00808243X, IL 146827, HK 1046432, KR 670413

Title: *A process for the preparation of derivatives of Ruscus aculeatus steroid glycosides by enzymatic hydrolysis*
 Inventors: Ponzone C., De Rosa M., Morano A., Di Lazzaro A.
 Priority: 01/06/99 IT MI99A 001222
 Application: WO 00/73483 (CA, JP, NO, PL, CZ, HU)
 Granted: AU 773232, SG 85359, US 6911325, HK 1048338, CN ZL008082448, RU 2249042, IL 146826, EP 1180161, KR 685529, SK 286062

Title: *A process for the preparation of taxanes from 10-deacetylbaaccatin III*
 Inventors: Bombardelli E.
 Priority: 02/03/99 IT MI99A 000417
 Application: WO 00/52003 (BR, CA, JP, NO, PL, CZ, SK, HU)
 Granted: EP 1157018, US 6500966, AU 759566, CN ZL008044236, CN ZL2003101149087, HK 1042490, RU 2233276, IL 145216, KR 660663, HK 1065309

Title: *Phospholipid complexes of proanthocyanidin A2 as antiatherosclerotic agents*
 Inventors: Bombardelli E.
 Priority: 18/12/98 IT MI98A 002732
 Application: WO 00/37062 (CA, JP, NO, PL, CZ, HU)
 Granted: US 6429202, EP 1140115, AU 763907, SG 81524, CN 998144460, HK 1042430, SK 284884, RU 2248798, IL 143751, KR 694907

Title: *Extracts of Zanthoxylum bungeanum, pharmaceutical and cosmetic formulations containing them*
 Inventors: Bombardelli E., Gabetta B.
 Priority: 07/07/98 IT MI98A 001542
 Application: WO 00/02570 (CA, RU, JP, NO, HU), HK 011090954
 Granted: EP 1096944, US 6419950, SG 78541, AU 749947, RU 2214817, CZ 292523, SK 284804, KR 620148, IL 140702, PL 191160

Title: *Hyperforin derivatives, the use thereof and formulations containing them*
 Inventors: Bombardelli E., Morazzoni P.
 Priority: 10/06/98 IT MI98A 001312
 Application: WO 99/64388 (EP Div., BR, CA, JP, NO, CZ, HU)
 Granted: SG 77992, AU 763889, US 6656510, RU 2240304, EP 1086071, MX 231667, CN ZL998071218, KR 0627933, HK 1036791, IL 140151, PL 195797, SK 286049

Title: *Methods for producing baccatin*
 Inventors: Bombardelli E., Menhard B., Zenk M.H.
 Priority: 06/02/98 DE 19804815.7
 Application: WO 99/40216 (CA, JP, PL, CZ, HU),
 HK 001080378
 Granted: SG 74509, US 6514732, AU 760122,
 RU 2219242, EP 1053345, SK 284676,
 CN ZL998027057, NO 320104, KR 575488

Title: *The use of phospholipid complexes of extracts of Vitis vinifera as anti-atherosclerotic agents*
 Inventors: Morazzoni P., Bombardelli E.
 Priority: 04/12/97 IT MI97A 002690
 Application: WO 99/29331 (CA, CZ, HU, JP)
 Granted: US 6297218, AU 743031, SG 73156, RU 2207866,
 CN 988117681, EP 1035859, HK 1033267,
 SK 284865, KR 567867, PL 191023, NO 324796

Title: *Intermediates and methods useful in the semisynthesis of paclitaxel and analogs*
 Inventors: Bombardelli E.
 Priority: 21/11/97 US 08/975804
 Application: WO 99/26939 (HU, NO)
 Granted: US 5907042, US 5917062, AU 746448,
 SG 72528, JP 3445973, RU 2213739,
 CA 2310778, CN ZL988114143, CZ 296350,
 EP 1049686, KR 0545436, HK 1028046,
 SK 285797, PL 192422

Title: *A process for the biotransformation of colchicone compounds into the corresponding 3-glycosil derivatives*
 Inventors: Bombardelli E., Ponzzone C.
 Priority: 03/10/97 IT MI97A 002255
 Application: WO 99/18229 (CA, JP)
 Granted: US 6372458, AU 745222, SG 71350,
 RU 2218409, IL 134566, CZ 295749, NO 320096,
 KR 0536676, CN ZL988098180, HK 1031896,
 EP 1019521, PL 190865, HU 225686, SK 285923

Title: *Soya extract, process for its preparation and pharmaceutical compositions*
 Inventors: Bombardelli E., Gabetta B.
 Priority: 30/07/97 DE 19732822.9, DE 19732855.5,
 DE 19732866.0
 Application: WO 99/06057 (AU, KR, RU, JP, SK, SG, HU)
 Granted: US 6280777, US 6607757, US 7108871,
 AU 740356, SG 69555, RU 2183964,
 CN 988076640, KR 0388511, SK 283491,
 JP 3570989, EP 1001797, HK 1025507,
 CA 2298142, PL 191191, NO 323231, CZ 298532

Title: *Chalcones having antiproliferative activity*
 Inventors: Bombardelli E., Valenti P.
 Priority: 19/06/97 GB 9712966.2
 Application: WO 98/58913 (KR, HU)
 Granted: US 6147082, US 6423740, SG 68990,
 AU 742784, SK 283077, RU 2203883,
 NO 314802, CZ 294976, HK 1023770,
 CN ZL988062127, EP 0989973, PL 190495,
 CA 2294278, JP 4064471

Title: *Colchicine and thicolchicine derivatives having antiinflammatory and myorelaxant activities*
 Inventors: Bombardelli E.
 Priority: 11/04/97 IT MI97A 000845
 Application:
 Granted: JP 2916470, IT 1291550, US 5973204,
 AU 738857, CN 981096948, RU 2190598,
 HK 1017880, EP 0870761, KR 559526, CA 2234480

Title: *Pharmaceutical and cosmetic formulations with antiacne activity*
 Inventors: Bombardelli E., Cristoni A., Morazzoni P., Seghizzi R.
 Priority: 17/10/96 IT MI96A 002149
 Application: WO 98/17293 (HU)
 Granted: AU 717760, SG 64091, US 6267996, SK 282435,
 CZ 289844, KR 0325317, EP 0930888,
 RU 2194524, CA 2268908, CN 971988714,
 HK 1022277, PL 189441, NO 320407, JP 3725557

Title: *Pharmaceutical and cosmetic formulations with antimicrobial activity*
 Inventors: Bombardelli E., Morazzoni P.
 Priority: 17/10/96 IT MI96A 002148
 Application: WO 98/17294 (HU)
 Granted: AU 717765, SG 64088, US 6267996, SK 282410,
 EP 0932408, CZ 289845, KR 0324860,
 US 6475536, JP 3279321, RU 2196599,
 CN 971988722, HK 1022278, CA 2268914,
 PL 187940, NO 321146

Title: *A process for the biotransformation of colchicinoid compounds into the corresponding 3-glycosil derivatives*
 Inventors: Bombardelli E., Ponzzone C.
 Priority: 07/10/96 IT MI96A 002063
 Application: WO 98/15642 (CA)
 Granted: AU 714810, US 6150140, SG 56967, SK 282344,
 KR 0311067, EP 0931161, CN 971944938,
 RU 2196826, JP 3428027, HK 1019620,
 PL 187106, CZ 295451, NO 319286, HU 224896

Title: *A process for the extraction of lycopene and extracts containing it*
 Inventors: Bombardelli E., Morazzoni P., Seghizzi R.
 Priority: 12/07/96 IT MI96A 001442
 Application: JP 19915097
 Granted: US 5897866, KR 0278576, AU 722774,
 CA 2210039, EP 0818225, HK 1005499

Title: *Colchicine-skeleton compounds, their use as medicaments and compositions containing them*
 Inventors: Bombardelli E.
 Priority: 7/06/96 IT MI96A 001168
 Application: WO 97/47577 (HU)
 Granted: SG 56989, US 6080739, AU 723752, KR 0306430,
 NO 311252, RU 2181354, JP 3285361,
 EP 0906262, CN 971949883, SK 283737,
 SK 283736, CZ 294365, HK 1019587, PL 187528,
 CA 2252717

Title: *Camptothecin-skeleton compounds isolated from Mappia foetida and the use thereof as synthones for novel medicaments as well as therapeutical agents*

Inventors: Bombardelli E., Verotta L.

Priority: 10/05/96 IT MI96A 000944

Application: WO 97/43290 (HU)

Granted: AU 715482, US 6121277, CZ 287901, SG 56969, RU 2169149, EP 0912573, NO 311839, CN 97194492X, HK 1019600, SK 283050, CA 2253914, JP 3483257, PL 188228, SG 56969

Title: *Taxane derivatives, the preparation thereof and formulations containing them*

Inventors: Bombardelli E.

Priority: 10/05/96 IT MI96A 000942

Granted: US 5955489, SG 56992, AU 715748, CZ 287489, RU 2168513, SK 282471, KR 0314382, EP 0901492, CN 971944911, JP 3423002, HK 1019603, PL 185778, CA 2253912, HU 224965, NO 322266

Title: *A process for the glycosidation of colchicine derivatives and products obtained*

Inventors: Bombardelli E.

Priority: 08/02/96 IT MI96A 000236

Granted: US 5777136, KR 0206357, AU 707718, JP 3029806, CA 2196932, EP 0789028, HK 1002362

Title: *Colchicine derivatives their use and formulations containing them*

Inventors: Bombardelli E., Gabetta B.

Priority: 27/06/95 IT MI95A 001367

Application: WO 97/01570 (US)

Granted: US 5880160, AU 717082, JP 3130050, RU 2163241, SG 50993, NO 310875, EP 0840738, CN 96194868X, HK 1009138, KR 0379991, HU 223103, PL 186770, CA 2225284

Title: *Use of flavanolignanes for the preparation of medicaments with antiproliferative activity in uterus, ovary and breast*

Inventors: Bombardelli E., Morazzoni P.

Priority: 23/05/95 IT MI95A 001047

Application: WO 96/37209 (FI)

Granted: US 5912265, US 6218369, AU 709802, RU 2161488, KR 0290030, JP 3178844, CA 2221753, SG 50938, PL 182064, HU 220627, EP 0828500, CN 951978616, NO 317153, HK 1006222

Title: *10-deacetyl-14-beta-hydroxybaccatine III derivatives, a process for the preparations thereof and formulations containing them*

Inventors: Bombardelli E.

Priority: 19/05/95 IT MI95A 001022

Application: WO 96/36622 (JP)

Granted: SG 44225, US 5917056, AU 696366, EP 0862563, HK 1011537, RU 2161615, CA 2212357, KR 0399330, NO 316378, CN ZL961924209

Title: *Use of forskolin or extracts containing it in the manufacture of a medicament for the treatment of alcohol addiction*

Inventors: Morazzoni P., Bombardelli E.

Priority: 19/05/95 IT MI95A 001023

Granted: US 5902823, SG 45966, AU 697449, JP 3001641, EP 0825859, CA 2221592, RU 2183455, HK 1005651, CN 961940360, NO 316054, KR 0423486, HU 223474

Title: *Pharmaceutical compositions for the treatment of alcohol addiction*

Inventors: Morazzoni P., Bombardelli E.

Priority: 12/05/95 IT MI95A 000958

Granted: US 5904923, AU 695010, JP 2955370, RU 2153345, SG 46065, CN 68282, KR 0290029, CA 2220703, EP 0824356, HK 1009096, NO 318659

Title: *10-deacetyl-baccatine III and 10-deacetyl-14-beta-hydroxybaccatine III derivatives, a process for the preparation thereof and pharmaceutical compositions containing them*

Inventors: Bombardelli E., De Bellis P., Gabetta B.

Priority: 17/03/95 IT MI95A 000533

Application: WO 96/29321 (CA, JP)

Granted: US 5750562, US 5973163, SG 44223, AU 705923, EP 0815095, RU 2152936, HK 1005242, KR 388878, KR 388877, NO 317056, CN ZL01137067X, CN ZL961926074

Title: *Polyphenol fractions of tea, the use thereof and formulations containing them*

Inventors: Bombardelli E., Morazzoni P., Mustich G.

Priority: 14/03/95 IT MI95A 000493

Application: WO 96/28178 (JP, NO)

Granted: IT 1275905, SG 44224, AU 696676, US 5989557, US 6096359, KR 0301678, JP 3264934, EP 0814823, CA 2215210, RU 2185070, HK 1004803, CN 961925043

Title: *Hydroxyproline-rich proteins and pharmaceutical and cosmetic formulations containing them*

Inventors: Bombardelli E., Ponzzone C.

Priority: 28/12/94 IT MI94A 002663

Granted: SI 9520146, AU 692654, SG 42642, JP 2997063, SK 280572, US 6072030, KR 0280030, RU 2163266, EP 0800585, CA 2208960, HK 1003652, PL 182055, HU 220456, CN 951971409, CZ 295489, NO 318552, FI 118156

Title: *Colchicine derivatives and the therapeutical use thereof*

Inventors: Bombardelli E., Gabetta B.

Priority: 05/10/94 IT MI94A 002026

Application: WO 96/11184 (FI)

Granted: US 5843910, AU 692624, AU 699789, JP 2921990, EP 0784613, EP 0909763, KR 0255074, RU 2145598, HK 1001394, HK 1017361, NO 308030, SK 281831, SG 39171, CN 951954997, CN ZL001319892, PL 182204, CZ 290309, CA 2201723, HU 223779

Title: *Semi-synthetic taxanes with anti-tumoural activity*
 Inventors: Bombardelli E., De Bellis P., Gabetta B.
 Priority: 26/07/94 IT MI94A 001592
 Application: WO 96/03394 (FI, US)
 Granted: SG 36485, US 5756776, SI 9520078, EP 0773938, AU 684218, KR 0220490, RU 2134688, JP 2986550, HK 1011687, BG 62851, SK 281526, CN 951943332, CA 2195844, RO 115875, RO 116549, HU 222496, NO 315116, CN 001290541, CN 001290568, CN 00129055X, CZ 293076, PL 187579

Title: *Formulations containing coumarins and the use thereof in the pharmaceutical and cosmetic fields*
 Inventors: Bombardelli E., Cristoni A., Morazzoni P.
 Priority: 26/07/94 IT MI94A 001590
 Application: JP 189325/95
 Granted: US 5665365, SG 30422, AU 684963, EP 0694305, HK 1012569, KR 0400963, KR 0414310, CA 2154601

Title: *Combinations of vasoactive substances with fatty acids to prevent hair loss*
 Inventors: Bombardelli E., Cristoni A., Morazzoni P.
 Priority: 19/07/94 IT MI94A 001497
 Granted: SG 28296, US 5665335, AU 690991, JP 2899545, KR 0238785, EP 0693278, HK 1011612, CA 2154098

Title: *Formulations containing esculoside and the use thereof in the pharmaceutical and cosmetic fields*
 Inventors: Bombardelli E., Cristoni A.
 Priority: 12/07/94 MI94A 001446
 Application: CA 2153604
 Granted: US 5679358, AU 686381, JP 2991642, KR 0255527, KR 0257228, SG 44320, EP 0692250, HK 1011617

Title: *Formulations containing carotenoids and procarotenoids combined with polyphenols in the prevention of the damages due to an abnormal production of free radicals*
 Inventors: Bombardelli E., Morazzoni P.
 Priority: 21/12/93 IT MI93A 002688
 Granted: US 5648377, AU 677048, EP 0659402, CN 941065472, KR 0342543, HK 1011616, CA 2123739, JP 3604422

Title: *Novel extracts of Cucurbita sp., process for their preparation and their use in medicaments and in cosmetics*
 Inventors: Bombardelli E.
 Priority: 09/12/92 DE P42414873
 Granted: FR 9314808, GB 2273442, DE 4241487, ES 9302557/2, US 5547673, AU 674710, IT 1265258, SE 93040806, KR 188572, JP 2912537, FI 104362, CA 2111036, NO 307866, DK PR176155

Title: *14-beta-hydroxy-10-deacetyl-baccatine III and its derivatives as antitumor agents*
 Inventors: Bombardelli E., Gabetta B.
 Priority: 06/03/92 IT MI92A 000528
 Granted: US 5264591, US 5453520, US 5698712, HU 211824, SK 279257, PL 171982, JP 2708346, CZ 284265, RU 2119485, NO 305080, EP 0559019, CN 52702, KR 0255525, HK 1011686, HU 218665, FI 109904, CA 2091001

Title: *A process for the extraction of taxol and derivatives thereof from plants of the genus taxus*
 Inventors: Cociancich E., Pace R.
 Priority: 31/1/92 IT MI92A 000181
 Granted: EP 553780, US 5744333, HK 1007557

Title: *Bilobalide phospholipide complexes, their applications and formulations containing them*
 Inventors: Bombardelli E., Mustich G.
 Priority: 09/02/90 IT 19324 A/90
 Granted: EP 441279, US 5202313, SG 95915708, HK 1607/95, KR 170773, JP 3036881, CA 2035951

Title: *Compositions for treating fat deposits in human*
 Inventors: Bombardelli E.
 Priority: 27/10/89 IT 22174 A/89
 Granted: EP 427026, US 5376371, KR 150426, HK 1007508, JP 2985133

Title: *Echinacea extracts, a process for the preparation thereof and formulations containing them*
 Inventors: Bombardelli E., Frangi E.
 Priority: 20/04/89 IT 20229 A/89
 Granted: EP 464298, KR 177800, HK 1007509, JP 3030062, CA 2019718

Title: *New extracts of Ginkgo biloba and their methods of preparation*
 Inventors: Bombardelli E., Mustich G., Bertani M.
 Priority: 20/09/88 GB 8822004
 Granted: EP 360556, CA 1337973, SG 94904331, US 5637302, HK 436/1994, US 5700468, JP 2800040, KR 169957

Joint Indena patents and patent application

Patent Indena/The Research Foundation of The State University of New York

Title: *Anti-tumor compounds, pharmaceutical compositions, methods for the preparation thereof and for treatment*

Inventors: Ojima I., Bombardelli E.

Priority: 26/03/93 US 08/040189

Application: WO 94/22856 (HU)

Granted: US 5475011, US 5599820, US 5705508, AU 676041, KR 0223114, KR 0223720, RU 2137764, CA 2158147, PL 179587, PL 180708, JP 3157165, JP 3145993, CZ 288924, NO 311722, SK 282317, EP 0690856, CN 941921174

Patent Indena/Kanebo Cosmetics Inc.

Title: *Oral compositions for the prevention of UV damages*

Inventors: Yokota T., Taniguchi M., Satou, Ikemoto A.

Priority: 10/02/2005, JP 2005035234

Application: JP 2005035234, WO 2006/084658 (EP, AU, CA, CN, KR, RU, IN, IL, NO, NZ, SG, US), HK (to be advised)

Granted:

Title: *Hair tonic*

Inventors: Komiya A., Hamada A., Taniguchi M., Ikemoto A.

Priority: 28/04/2005, JP 2005132045

Application: JP 2005132045, WO 2006/114188 (EP, AU, CA, CN, KR, RU, IN, IL, NO, NZ, SG, US), HK (to be advised)

Granted:



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Viale Ortles, 12
20139 Milan - Italy
tel. +39.02.574961
fax +39.02.57404620

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