

Title (en)
SUBSTITUTED CYCLOHEXAN-1,4-DIAMINE DERIVATIVES WITH CONSTIPATING AND PERIPHERAL ANALGESIC PROPERTIES

Title (de)
SUBSTITUIERTE CYCLOHEXAN-1,4-DIAMINDERIVATE MIT ANTIDIARRHOEISCHER UND PERIPHER ANALGETISCHER WIRKSAMKEIT

Title (fr)
DERIVES DE CYCLOHEXAN-1,4-DIAMINE SUBSTITUES PRESENTANT DES PROPRIETES D'ANTIDIARRHEIQUE ET D'ANALGESIQUE PERIPHERIQUE

Publication
EP 1385493 A1 20040204 (DE)

Application
EP 02769145 A 20020509

Priority
• DE 10123163 A 20010509
• EP 0205122 W 20020509

Abstract (en)
[origin: WO02089783A1] The invention relates to the use of substituted cyclohexan-1,4-diamine derivatives in the production of drugs for treating diarrhoea or irritable bowel diseases or as immunotherapeutic agents or peripheral analgesics, especially for treating burn pains, peripheral operation pains, pains generated by inflammation of soft tissues or inflammatory arthropathies, especially rheumatisms.

IPC 1-7
A61K 31/132; A61K 31/165; A61K 31/404; A61K 31/425; A61K 31/38; A61P 25/04; A61P 37/00; A61P 1/12; A61P 29/00

IPC 8 full level
C07D 249/18 (2006.01); **A61K 31/13** (2006.01); **A61K 31/132** (2006.01); **A61K 31/135** (2006.01); **A61K 31/136** (2006.01); **A61K 31/137** (2006.01); **A61K 31/165** (2006.01); **A61K 31/166** (2006.01); **A61K 31/196** (2006.01); **A61K 31/36** (2006.01); **A61K 31/38** (2006.01); **A61K 31/381** (2006.01); **A61K 31/403** (2006.01); **A61K 31/404** (2006.01); **A61K 31/4045** (2006.01); **A61K 31/405** (2006.01); **A61K 31/4192** (2006.01); **A61K 31/425** (2006.01); **A61K 31/428** (2006.01); **A61K 31/433** (2006.01); **A61K 31/437** (2006.01); **A61K 31/4409** (2006.01); **A61K 31/4439** (2006.01); **A61P 1/00** (2006.01); **A61P 1/12** (2006.01); **A61P 1/14** (2006.01); **A61P 3/04** (2006.01); **A61P 7/00** (2006.01); **A61P 9/00** (2006.01); **A61P 9/04** (2006.01); **A61P 9/10** (2006.01); **A61P 9/12** (2006.01); **A61P 13/02** (2006.01); **A61P 15/10** (2006.01); **A61P 17/04** (2006.01); **A61P 19/02** (2006.01); **A61P 21/02** (2006.01); **A61P 23/00** (2006.01); **A61P 25/00** (2006.01); **A61P 25/02** (2006.01); **A61P 25/04** (2006.01); **A61P 25/06** (2006.01); **A61P 25/08** (2006.01); **A61P 25/22** (2006.01); **A61P 25/24** (2006.01); **A61P 25/28** (2006.01); **A61P 25/30** (2006.01); **A61P 25/32** (2006.01); **A61P 25/36** (2006.01); **A61P 27/16** (2006.01); **A61P 29/00** (2006.01); **A61P 37/00** (2006.01); **A61P 37/02** (2006.01); **A61P 43/00** (2006.01); **C07C 209/28** (2006.01); **C07C 209/68** (2006.01); **C07C 211/36** (2006.01); **C07C 231/12** (2006.01); **C07C 233/79** (2006.01); **C07D 209/08** (2006.01); **C07D 209/14** (2006.01); **C07D 209/18** (2006.01); **C07D 209/40** (2006.01); **C07D 209/86** (2006.01); **C07D 209/88** (2006.01); **C07D 213/36** (2006.01); **C07D 213/38** (2006.01); **C07D 277/62** (2006.01); **C07D 285/14** (2006.01); **C07D 317/58** (2006.01); **C07D 317/66** (2006.01); **C07D 333/20** (2006.01); **C07D 333/54** (2006.01); **C07D 333/58** (2006.01); **C07D 401/12** (2006.01); **C07D 409/12** (2006.01); **C07D 471/04** (2006.01); **C07K 14/47** (2006.01)

CPC (source: EP KR US)
A61K 31/13 (2013.01 - EP US); **A61K 31/132** (2013.01 - EP US); **A61K 31/165** (2013.01 - EP US); **A61K 31/38** (2013.01 - EP US); **A61K 31/404** (2013.01 - EP US); **A61K 31/425** (2013.01 - EP US); **A61P 1/00** (2017.12 - EP); **A61P 1/12** (2017.12 - EP); **A61P 1/14** (2017.12 - EP); **A61P 3/04** (2017.12 - EP); **A61P 7/00** (2017.12 - EP); **A61P 9/00** (2017.12 - EP); **A61P 9/04** (2017.12 - EP); **A61P 9/10** (2017.12 - EP); **A61P 9/12** (2017.12 - EP); **A61P 13/02** (2017.12 - EP); **A61P 15/10** (2017.12 - EP); **A61P 15/18** (2017.12 - EP); **A61P 17/04** (2017.12 - EP); **A61P 19/02** (2017.12 - EP); **A61P 21/02** (2017.12 - EP); **A61P 23/00** (2017.12 - EP); **A61P 25/00** (2017.12 - EP); **A61P 25/02** (2017.12 - EP); **A61P 25/04** (2017.12 - EP); **A61P 25/06** (2017.12 - EP); **A61P 25/08** (2017.12 - EP); **A61P 25/22** (2017.12 - EP); **A61P 25/24** (2017.12 - EP); **A61P 25/28** (2017.12 - EP); **A61P 25/30** (2017.12 - EP); **A61P 25/32** (2017.12 - EP); **A61P 25/36** (2017.12 - EP); **A61P 27/16** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 37/00** (2017.12 - EP); **A61P 37/02** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07C 211/36** (2013.01 - KR)

Citation (search report)
See references of WO 02089783A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 02089783 A1 20021114; AR 035883 A1 20040721; AT E359260 T1 20070515; AT E370120 T1 20070915; AU 2002312883 B2 20070906; AU 2002341195 B2 20070104; AU 2007202033 A1 20070524; AU 2007202033 B2 20100204; AU 2007202033 B8 20100304; BR 0209579 A 20040622; BR 0209580 A 20040622; CA 2446461 A1 20021114; CA 2446461 C 20110426; CA 2446463 A1 20021114; CA 2446463 C 20100713; CA 2446735 A1 20021114; CN 1307158 C 20070328; CN 1533374 A 20040929; CN 1533374 B 20130821; CN 1537100 A 20041013; CO 5540300 A2 20050729; CO 5700725 A2 20061130; CY 1106468 T1 20120125; CY 1108067 T1 20140212; CZ 20032995 A3 20040218; CZ 20033005 A3 20040317; DE 10123163 A1 20030116; DE 50209929 D1 20070524; DE 50210707 D1 20070927; DK 1385825 T3 20071105; DK 1392641 T3 20070716; EC SP034830 A 20040323; EC SP034831 A 20040323; EP 1385493 A1 20040204; EP 1385825 A1 20040204; EP 1385825 B1 20070815; EP 1392641 A1 20040303; EP 1392641 B1 20070411; ES 2284876 T3 20071116; ES 2291486 T3 20080301; HK 1062911 A1 20041203; HK 1070049 A1 20050610; HU 228253 B1 20130228; HU 229288 B1 20131028; HU P0400888 A2 20040728; HU P0400888 A3 20080328; HU P0400963 A2 20040830; HU P0400989 A2 20040830; HU P0400989 A3 20110829; IL 158782 A0 20040512; IL 158782 A 20100415; IL 158784 A0 20040512; IL 158784 A 20090901; JP 2004528374 A 20040916; JP 2004533439 A 20041104; JP 2005515959 A 20050602; KR 100895778 B1 20090508; KR 20040002943 A 20040107; KR 20040017214 A 20040226; MX PA03010134 A 20040310; MX PA03010195 A 20040310; MX PA03010201 A 20060209; NO 20034930 D0 20031105; NO 20034930 L 20040105; NO 20034931 D0 20031105; NO 20034931 L 20040102; NO 326784 B1 20090216; NO 328600 B1 20100329; NZ 529147 A 20061027; NZ 529334 A 20041029; PE 20021094 A1 20030125; PL 212887 B1 20121231; PL 220595 B1 20151130; PL 366631 A1 20050207; PL 366662 A1 20050207; PL 368851 A1 20050404; PT 1385825 E 20070904; PT 1392641 E 20070531; RU 2003134145 A 20050520; RU 2003134147 A 20050520; RU 2287523 C2 20061120; RU 2321579 C2 20080410; SI 1385825 T1 20080229; SI 1392641 T1 20071031; SK 13782003 A3 20040406; SK 13792003 A3 20040608; SK 286617 B6 20090205; SK 287319 B6 20100707; US 2004147741 A1 20040729; US 2004162287 A1 20040819; US 2004229872 A1 20041118; US 6998409 B2 20060214; US 7276518 B2 20071002; WO 02090317 A1 20021114; WO 02090330 A1 20021114; ZA 200309521 B 20040928; ZA 200309522 B 20050223

EP 0205122 W 20020509; AR P020101704 A 20020510; AT 02738038 T 20020508; AT 02750900 T 20020508; AU 2002312883 A 20020508; AU 2002341195 A 20020508; AU 2007202033 A 20070507; BR 0209579 A 20020508; BR 0209580 A 20020508; CA 2446461 A 20020508; CA 2446463 A 20020508; CA 2446735 A 20020509; CN 02813557 A 20020508; CN 02813753 A 20020508; CO 03098846 A 20031107; CO 03098857 A 20031107; CY 071100630 T 20070510; CY 071101374 T 20071025; CZ 20032995 A 20020508; CZ 20033005 A 20020508; DE 10123163 A 20010509; DE 50209929 T 20020508; DE 50210707 T 20020508; DK 02738038 T 20020508; DK 02750900 T 20020508; EC SP034830 A 20031107; EC SP034831 A 20031107; EP 0205051 W 20020508; EP 0205078 W 20020508; EP 02738038 A 20020508; EP 02750900 A 20020508; EP 02769145 A 20020509; ES 02738038 T 20020508; ES 02750900 T 20020508; HK 04105744 A 20040803; HK 05102616 A 20050329; HU P0400888 A 20020508; HU P0400963 A 20020509; HU P0400989 A 20020508; IL 15878202 A 20020508; IL 15878203 A 20031106; IL 15878402 A 20020508; IL 15878403 A 20031106; JP 2002586920 A 20020509; JP 2002587399 A 20020508; JP 2002587410 A 20020508; KR 20037014530 A 20031107; KR 20037014568 A 20031108; MX PA03010134 A 20020508; MX PA03010195 A 20020509; MX PA03010201 A 20020508; NO 20034930 A 20031105; NO 20034931 A 20031105; NZ 52914702 A 20020508; NZ 52933402 A 20020508; PE 2002000388 A 20020509; PL 36663102 A 20020509; PL 36666202 A 20020508; PL 36885102 A 20020508; PT 02738038 T 20020508; PT 02750900 T 20020508; RU 2003134145 A 20020508; RU 2003134147 A 20020508; SI 200230571 T 20020508; SI 200230627 T 20020508; SK 13782003 A 20020508; SK 13792003 A 20020508; US 70420003 A 20031110; US 70432903 A 20031110; US 70452403 A 20031110; ZA 200309521 A 20031208; ZA 200309522 A 20031208