

Title (en)  
QUINOLINE DERIVATIVES AS LEUKOTRIENE ANTAGONISTS

Title (de)  
CHINOLINDERIVATE ALS LEUKOTRIEN ANTAGONISTEN

Title (fr)  
DERIVES DE QUINOLEINE ANTAGONISTES DES LEUCOTRIENES

Publication  
**EP 0773931 A1 19970521 (EN)**

Application  
**EP 95921729 A 19950607**

Priority  
• DK 9500223 W 19950607  
• GB 9414590 A 19940720

Abstract (en)  
[origin: WO9602506A1] The present invention relates to hitherto unknown compounds of formula (I), in which X1 and X2 independently of each other stand for hydrogen or halogen; X3 and X4 independently of each other stand for hydrogen, halogen, nitro, cyano, trifluoromethyl, C1-C4 alkyl, C1-C4 alkoxy, carboxy or C1-C4 carbalkoxy; Z is a bond, O, S, S(O), S(O)2, NH or CH2; R1 is hydrogen or a straight or branched, saturated or unsaturated C1-C6 hydrocarbon chain; R3 is hydrogen, straight or branched, saturated or unsaturated C1-C12 hydrocarbon chain, unsubstituted or substituted phenyl or unsubstituted or substituted benzyl, the above mentioned substituents being one or more of X3 and X4 as defined above; or the group R1-[C]p-R3 stands for cyclopropyl; p may be 0 provided that Z is a bond, or p may be an integer from 1-6 if R1 = R3 = hydrogen; A is COOR2 or 1H-1,2,3,4-tetrazole in which R2 = R1 as defined above or R2 is a pharmaceutically acceptable cation. The present compounds are of value in the human and veterinary practice as leukotrien antagonists.

IPC 1-7  
**C07D 215/12**; **A61K 31/47**; **C07D 215/18**; **C07D 401/12**

IPC 8 full level  
**A61K 31/47** (2006.01); **A61P 9/08** (2006.01); **A61P 9/10** (2006.01); **A61P 25/04** (2006.01); **A61P 25/06** (2006.01); **A61P 29/00** (2006.01); **A61P 37/08** (2006.01); **C07D 215/12** (2006.01); **C07D 215/18** (2006.01); **C07D 401/12** (2006.01)

CPC (source: EP KR)  
**A61P 9/08** (2017.12 - EP); **A61P 9/10** (2017.12 - EP); **A61P 25/04** (2017.12 - EP); **A61P 25/06** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 37/08** (2017.12 - EP); **C07D 215/12** (2013.01 - EP KR); **C07D 215/18** (2013.01 - EP); **C07D 401/12** (2013.01 - EP)

Citation (search report)  
See references of WO 9602506A1

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

DOCDB simple family (publication)  
**WO 9602506 A1 19960201**; AU 2669695 A 19960216; AU 686820 B2 19980212; CA 2192478 A1 19960201; CN 1152915 A 19970625; CZ 284799 B6 19990317; CZ 352996 A3 19971015; EP 0773931 A1 19970521; FI 970143 A0 19970114; FI 970143 A 19970114; GB 9414590 D0 19940907; HU 9603342 D0 19970128; HU T76443 A 19970929; JP H10504026 A 19980414; KR 970704691 A 19970906; NZ 287850 A 19980527; PL 318106 A1 19970512

DOCDB simple family (application)  
**DK 9500223 W 19950607**; AU 2669695 A 19950607; CA 2192478 A 19950607; CN 95194167 A 19950607; CZ 352996 A 19950607; EP 95921729 A 19950607; FI 970143 A 19970114; GB 9414590 A 19940720; HU 9603342 A 19950607; HU 9603342 D 19950607; JP 50459696 A 19950607; KR 19970700296 A 19970117; NZ 28785095 A 19950607; PL 31810695 A 19950607