

Title (en)

POTASSIUM CHANNEL INTERACTORS AND USES THEREFOR

Title (de)

KALIUMKANAL INTERAGIERENDER FAKTOR UND SEINE VERWENDUNGEN

Title (fr)

PROTEINES D'INTERACTION DE CANAUX POTASSIQUES (PCIP) ET LEURS PROCEDES D'UTILISATION

Publication

EP 1322759 A2 20030702 (EN)

Application

EP 01977260 A 20010927

Priority

- US 0130463 W 20010927
- US 67075600 A 20000927
- US 70309400 A 20001031

Abstract (en)

[origin: WO0226984A2] The invention provides isolated nucleic acids molecules, designated PCIP nucleic acid molecules, which encode proteins that bind potassium channels and modulate potassium channel mediated activities. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing PCIP nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a PCIP gene has been introduced or disrupted. The invention still further provides isolated PCIP proteins, fusion proteins, antigenic peptides and anti-PCIP antibodies. Diagnostic methods utilizing compositions of the invention are also provided.

IPC 1-7

C12N 15/12; **C12N 5/10**; **C07K 14/705**; **C07K 16/28**; **C12Q 1/68**; **G01N 33/577**; **G01N 33/68**; **A61K 38/17**; **A01K 67/027**

IPC 8 full level

G01N 33/50 (2006.01); **A61K 38/00** (2006.01); **A61K 39/395** (2006.01); **A61K 45/00** (2006.01); **A61K 48/00** (2006.01); **A61P 9/00** (2006.01); **A61P 25/00** (2006.01); **A61P 25/08** (2006.01); **C07K 14/47** (2006.01); **C07K 14/705** (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **C12N 15/12** (2006.01); **C12P 21/02** (2006.01); **C12Q 1/02** (2006.01); **C12Q 1/68** (2006.01); **G01N 33/15** (2006.01); **G01N 33/53** (2006.01); **G01N 33/566** (2006.01)

CPC (source: EP KR)

A61P 9/00 (2017.12 - EP); **A61P 25/00** (2017.12 - EP); **A61P 25/08** (2017.12 - EP); **C07K 14/705** (2013.01 - EP); **C12N 15/11** (2013.01 - KR); **A01K 2217/05** (2013.01 - EP)

Citation (search report)

See references of WO 0226984A2

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 0226984 A2 20020404; **WO 0226984 A3 20030313**; AU 9639301 A 20020408; BR 0114383 A 20050412; CA 2420960 A1 20020404; CN 1498271 A 20040519; CZ 20031154 A3 20030917; EA 200300420 A1 20040429; EP 1322759 A2 20030702; IL 154962 A0 20031031; JP 2004525610 A 20040826; KR 20030074604 A 20030919; MX PA03002557 A 20040910; NO 20031369 D0 20030326; NO 20031369 L 20030522

DOCDB simple family (application)

US 0130463 W 20010927; AU 9639301 A 20010927; BR 0114383 A 20010927; CA 2420960 A 20010927; CN 01819168 A 20010927; CZ 20031154 A 20010927; EA 200300420 A 20010927; EP 01977260 A 20010927; IL 15496201 A 20010927; JP 2002530747 A 20010927; KR 20037004460 A 20030327; MX PA03002557 A 20010927; NO 20031369 A 20030326