

Title (en)  
NOVEL FAMILY OF MECHANICALLY SENSITIVE HUMAN POTASSIUM CHANNELS ACTIVATED BY POLYUNSATURATED FATTY ACIDS AND USE THEREOF

Title (de)  
MEKANOEMPFLINDLICHE MENSCHLICHE KALIUMKANLFAMILIE DIE DURCH MEHRFACHUNGESÄTTIGTEN FETTSÄUREN AKTIVIERT WERDEN UND DEREN ANWENDUNG

Title (fr)  
FAMILLE DE CANAUX POTASSIUM HUMAINS MECANOSENSIBLES ET ACTIVES PAR LES ACIDES GRAS POLYINSATURES ET LEUR UTILISATION

Publication  
**EP 1263953 A2 20021211 (FR)**

Application  
**EP 01915465 A 20010314**

Priority  
• FR 0100758 W 20010314  
• FR 0003264 A 20000314

Abstract (en)  
[origin: WO0168670A2] The invention concerns a novel family of mechanically sensitive human potassium channels activated by polyunsaturated fatty acids in particular arachidonic acid and by riluzole and their use for diagnosing, preventing and treating human and animal pathologies.

IPC 1-7  
**C12N 15/12**; **C07K 14/705**; **C07K 16/28**; **G01N 33/566**; **A61K 38/17**; **C12Q 1/68**; **G01N 33/68**

IPC 8 full level  
**C12Q 1/68** (2006.01); **A61K 45/00** (2006.01); **A61P 5/00** (2006.01); **A61P 9/00** (2006.01); **A61P 9/14** (2006.01); **A61P 21/00** (2006.01); **A61P 27/02** (2006.01); **C07K 14/705** (2006.01); **C12N 15/12** (2006.01); **C12Q 1/02** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP US)  
**A61P 5/00** (2017.12 - EP); **A61P 9/00** (2017.12 - EP); **A61P 9/14** (2017.12 - EP); **A61P 21/00** (2017.12 - EP); **A61P 25/00** (2017.12 - EP); **A61P 27/02** (2017.12 - EP); **C07K 14/705** (2013.01 - EP US); **A61K 38/00** (2013.01 - EP US)

Citation (search report)  
See references of WO 0168670A2

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)  
**FR 2806411 A1 20010921**; **FR 2806411 B1 20041105**; AU 4255801 A 20010924; CA 2403201 A1 20010920; EP 1263953 A2 20021211; JP 2003527114 A 20030916; US 2003049697 A1 20030313; WO 0168670 A2 20010920; WO 0168670 A3 20020214

DOCDB simple family (application)  
**FR 0003264 A 20000314**; AU 4255801 A 20010314; CA 2403201 A 20010314; EP 01915465 A 20010314; FR 0100758 W 20010314; JP 2001567760 A 20010314; US 24303502 A 20020913