

Title (en)

USE OF RHEIN FOR PREPARING A MEDICINE FOR TREATING A HIGH RATE OF IL-1

Title (de)

VERWENDUNG VON RHEIN ZUR HERSTELLUNG EINES MEDIKAMENTES ZUR BEHANDLUNG EINES HOHEN WERTES VON IL-1

Title (fr)

UTILISATION D'UNE RHEINE POUR LA PREPARATION D'UN MEDICAMENT POUR LE TRAITEMENT D'UN TAUX ELEVE D'IL-1.

Publication

**EP 1363613 A2 20031126 (FR)**

Application

**EP 02712018 A 20020123**

Priority

- FR 0200271 W 20020123
- US 76881601 A 20010123

Abstract (en)

[origin: WO02058681A2] The invention concerns the use of rhein and rhein derivatives in therapeutics. Rhein and rhein derivatives are used in human and veterinary therapeutics for treating patients suffering from inflammatory and autoimmune diseases wherein the inflammatory cytokines (IL-1 and TNF) are present at abnormally high rates.

IPC 1-7

**A61K 31/122**

IPC 8 full level

**A61K 31/00** (2006.01); **A61K 31/192** (2006.01); **A61K 31/235** (2006.01); **A61K 45/06** (2006.01); **A61P 19/00** (2006.01); **A61P 29/00** (2006.01); **A61P 37/00** (2006.01)

CPC (source: EP US)

**A61K 31/00** (2013.01 - EP US); **A61K 31/192** (2013.01 - EP US); **A61K 31/235** (2013.01 - EP US); **A61K 45/06** (2013.01 - EP US); **A61P 19/00** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 37/00** (2017.12 - EP)

Citation (search report)

See references of WO 02058681A2

Citation (examination)

- FR 2508798 A1 19830107 - PROTER SPA [IT]
- MOORE A R ET AL: "EFFECTS OF DIACERHEIN ON GRANULOMA INDUCED CARTILAGE BREAKDOWN IN THE MOUSE", OSTEOARTHRITIS AND CARTILAGE, vol. 6, no. 1, 1998, pages 19 - 23, XP008017180

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 02058681 A2 20020801**; **WO 02058681 A3 20021219**; **WO 02058681 A8 20030306**; AU 2002231927 A1 20020806; CA 2434052 A1 20020801; EP 1363613 A2 20031126; IL 156957 A0 20040208; MX PA03006596 A 20040505; US 2002128317 A1 20020912

DOCDB simple family (application)

**FR 0200271 W 20020123**; AU 2002231927 A 20020123; CA 2434052 A 20020123; EP 02712018 A 20020123; IL 15695702 A 20020123; MX PA03006596 A 20020123; US 76881601 A 20010123