

Title (en)

SEMAPHORIN-LIKE PROTEINS AND METHODS OF USING SAME

Title (de)

SEMAPHORINÄHNLICHE PROTEINE UND VERFAHREN ZU DEREN VERWENDUNG

Title (fr)

PROTEINES DE TYPE SEMAPHORINE ET METHODES D'UTILISATION DE CELLES-CI

Publication

**EP 1549951 A4 20060809 (EN)**

Application

**EP 03739026 A 20030530**

Priority

- US 0317412 W 20030530
- US 38479802 P 20020530
- US 40240702 P 20020809
- US 44306203 P 20030128
- US 40367603 A 20030331

Abstract (en)

[origin: WO03102584A2] The proteins of the invention are a family used to modulate the activity of cells and their ability to attract blood vessels. The proteins are used to inhibit angiogenesis, inhibit cell migration, and inhibit actin filament formation. These proteins are used in this context to diagnose and treat proliferative disorders such as cancer.

IPC 1-7

**C12N 15/62**; **C07K 14/47**; **A61K 38/16**

IPC 8 full level

**C12N 15/09** (2006.01); **A61K 38/00** (2006.01); **A61P 35/00** (2006.01); **C07K 14/47** (2006.01); **C07K 16/18** (2006.01); **C07K 19/00** (2006.01); **C12N 5/07** (2010.01); **C12N 5/077** (2010.01); **C12N 5/078** (2010.01); **C12N 5/0793** (2010.01); **C12N 5/09** (2010.01); **C12N 5/10** (2006.01); **C12Q 1/68** (2006.01); **G01N 33/53** (2006.01)

CPC (source: EP)

**A61P 35/00** (2017.12); **C07K 14/4703** (2013.01); **A61K 38/00** (2013.01)

Citation (search report)

- [Y] WO 0031252 A1 20000602 - MAX PLANCK GESELLSCHAFT [DE], et al
- [Y] WO 0053742 A2 20000914 - CURAGEN CORP [US], et al
- [PX] US 2003054514 A1 20030320 - SHIMKETS RICHARD A [US], et al
- [E] WO 03085096 A2 20031016 - CURAGEN CORP [US], et al
- See references of WO 03102584A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 03102584 A2 20031211**; **WO 03102584 A3 20040219**; AU 2003245387 A1 20031219; CA 2487939 A1 20031211; EP 1549951 A2 20050706; EP 1549951 A4 20060809; JP 2005528434 A 20050922

DOCDB simple family (application)

**US 0317412 W 20030530**; AU 2003245387 A 20030530; CA 2487939 A 20030530; EP 03739026 A 20030530; JP 2004509418 A 20030530