

Title (en)

ISOLATION OF MESENCHYMAL STEM CELLS

Title (de)

ISOLIERUNG VON MESENCHYMALEN STAMMZELLEN

Title (fr)

ISOLATION DE CELLULES SOUCHES MÉSENCHYMALES

Publication

**EP 2576771 A2 20130410 (DE)**

Application

**EP 11725901 A 20110607**

Priority

- DE 102010023837 A 20100607
- EP 2011059393 W 20110607

Abstract (en)

[origin: WO2011154403A2] The present invention relates to the use of a peptide selected from the group comprising laminin-1, collagen-1, collagen-3, collagen-4, tenascin, thrombospondin-1, osteopontin, fibronectin, vitronectin, or fragments or mixtures of these, for isolating and/or identifying mesenchymal stem cells (MSC), in particular of peptide fragments of these peptides. The invention furthermore relates to the use of these peptides/peptide fragments in the treatment of wounds, injuries and/or degenerated tissue.

IPC 8 full level

**C12N 5/0775** (2010.01); **A61K 35/12** (2015.01)

CPC (source: EP US)

**A61K 35/28** (2013.01 - US); **A61L 31/08** (2013.01 - US); **A61L 31/16** (2013.01 - US); **C07K 5/0808** (2013.01 - US); **C07K 5/1008** (2013.01 - US); **C07K 5/101** (2013.01 - US); **C07K 5/1016** (2013.01 - US); **C07K 7/06** (2013.01 - US); **C07K 7/08** (2013.01 - US); **C07K 14/47** (2013.01 - US); **C07K 14/78** (2013.01 - EP US); **C12N 5/0068** (2013.01 - EP US); **C12N 5/0663** (2013.01 - EP US); **C12N 5/0668** (2013.01 - US); **A61K 38/00** (2013.01 - EP US); **A61K 2035/124** (2013.01 - EP US); **C12N 2533/00** (2013.01 - EP US); **C12N 2533/52** (2013.01 - EP US); **C12N 2533/54** (2013.01 - EP US)

Citation (search report)

See references of WO 2011154403A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**DE 102010023837 A1 20111208**; EP 2576771 A2 20130410; US 2013156819 A1 20130620; WO 2011154403 A2 20111215; WO 2011154403 A3 20120412

DOCDB simple family (application)

**DE 102010023837 A 20100607**; EP 11725901 A 20110607; EP 2011059393 W 20110607; US 201213706308 A 20121205