

Title (en)
METHODS OF COMBINING MESENCHYMAL STEM CELLS AND CARTILAGE CONTAINING ALLOGRAFTS, AND PRODUCTS OF COMBINED MESENCHYMAL STEM CELLS AND CARTILAGE CONTAINING ALLOGRAFTS

Title (de)
VERFAHREN ZUM KOMBINIEREN VON MESENCHYMALEN STAMMZELLEN UND KNORPEL MIT ALLOTRANSPLANTATEN SOWIE PRODUKTE AUS KOMBINIERTEN MESENCHYMALEN STAMMZELLEN UND KNORPEL MIT ALLOTRANSPLANTATEN

Title (fr)
PROCÉDÉS DE COMBINAISON DE CELLULES SOUCHES MÉSENCHYMATEUSES ET D'ALLOGREFFES CARTILAGINEUSES, ET PRODUITS OBTENUS APRÈS COMBINAISON DESDITES CELLULES SOUCHES MÉSENCHYMATEUSES ET ALLOGREFFES CARTILAGINEUSES

Publication
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Application
EP 13895259 A 20131007

Priority
US 2013063674 W 20131007

Abstract (en)
[origin: WO2015053739A1] Methods of combining mesenchymal stem cells (MSCs) with an osteochondral allograft, a cartilage allograft, a morselized cartilage allograft, or a decellularized, morselized cartilage allograft are provided. In some embodiments, the method includes seeding a stromal vascular fraction comprising MSCs and unwanted cells onto the allograft.

IPC 8 full level
C12N 5/00 (2006.01); **A61L 27/36** (2006.01); **A61L 27/38** (2006.01); **C12N 5/02** (2006.01); **C12N 5/074** (2010.01)

CPC (source: EP KR)
A61L 27/3612 (2013.01 - EP KR); **A61L 27/3654** (2013.01 - EP KR); **A61L 27/3834** (2013.01 - EP KR); **A61L 27/3852** (2013.01 - EP KR); **C12N 5/0667** (2013.01 - EP KR); **A61L 2430/06** (2013.01 - EP KR); **C12N 2502/1311** (2013.01 - EP KR); **C12N 2502/1317** (2013.01 - EP KR)

Citation (search report)

- [Y] US 2010124776 A1 20100520 - SHI YALING [US]
- [Y] US 8221500 B2 20120717 - TRUNCALE KATHERINE GOMES [US], et al
- [XY] PARISA GHANAVI ET AL: "The rationale for using microscopic units of a donor matrix in cartilage defect repair", CELL AND TISSUE RESEARCH, SPRINGER, BERLIN, DE, vol. 347, no. 3, 11 February 2012 (2012-02-11), pages 643 - 648, XP035031370, ISSN: 1432-0878, DOI: 10.1007/S00441-012-1323-X
- [A] RADA T ET AL: "Adipose tissue-derived stem cells and their application in bone and cartilage tissue engineering. - PubMed - NCBI", 1 June 2009 (2009-06-01), XP055295141, Retrieved from the Internet <URL:http://www.ncbi.nlm.nih.gov/pubmed/19196117> [retrieved on 20160811]
- See references of WO 2015053739A1

Cited by
US11229725B2

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2015053739 A1 20150416; CA 2904989 A1 20150416; EP 2954044 A1 20151216; EP 2954044 A4 20160928; KR 20160058721 A 20160525

DOCDB simple family (application)
US 2013063674 W 20131007; CA 2904989 A 20131007; EP 13895259 A 20131007; KR 20157026775 A 20131007