

Title (en)
SYSTEMS AND METHODS FOR SEPARATING AND CONCENTRATING REGENERATIVE CELLS FROM TISSUE

Title (de)
SYSTEME UND VERFAHREN ZUR TRENNUNG UND ANREICHERUNG REGENERATIVER ZELLEN AUS GEWEBE

Title (fr)
SYSTEMES ET TECHNIQUES DE SEPARATION ET DE CONCENTRATION DE CELLULES REGENERATIVES PRELEVEES SUR DES TISSUS

Publication
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Application
EP 04777155 A 20040625

Priority

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Abstract (en)
[origin: WO2005012480A2] Systems and methods are described that are used to separate cells from a wide variety of tissues. In particular, automated systems and methods are described that separate regenerative cells, e.g., stem and/or progenitor cells, from adipose tissue. The systems and methods described herein provide rapid and reliable methods of separating and concentrating regenerative cells suitable for re-infusion into a subject.

IPC 8 full level
C12N 5/00 (2006.01); **A61K 35/28** (2015.01)

IPC 8 main group level
C12N (2006.01)

CPC (source: EP KR)
A61K 35/28 (2013.01 - EP); **A61P 43/00** (2017.12 - EP); **B04B 5/0407** (2013.01 - EP); **B04B 5/0442** (2013.01 - EP); **C12M 3/08** (2013.01 - KR); **C12M 33/14** (2013.01 - EP); **C12M 45/00** (2013.01 - EP); **C12N 5/0602** (2013.01 - KR); **B04B 2005/0471** (2013.01 - EP)

Citation (search report)

- [X] WO 9427698 A2 19941208 - BAXTER INT [US]
- [X] US 2001009757 A1 20010726 - BISCHOF DANIEL F [US], et al
- [PX] WO 03053346 A2 20030703 - MACROPOROUS BIOSURGERY INC [US], et al
- See references of WO 2005012480A2

Citation (examination)

- US 4146172 A 19790327 - CULLIS HERBERT M, et al
- US 4526515 A 19850702 - DEVRIES JAMES H [US]

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