

Title (en)
CELL MATURATION PROCESS

Title (de)
ZELLREIFUNGSVERFAHREN

Title (fr)
PROCÉDÉ DE MATURATION DE CELLULES

Publication
EP 3247790 A1 20171129 (EN)

Application
EP 16702763 A 20160122

Priority
• GB 201501159 A 20150123
• GB 2016050146 W 20160122

Abstract (en)
[origin: WO2016116769A1] Disclosed are methods and procedures which may be applied to cells (including differentiating (or partially differentiated) cells, cells in the terminal stages of differentiation and/or differentiated cells) to facilitate late stage maturation towards mature erythrocyte lineages – in particular towards reticulocytes and/or enucleated (anucleate) mature erythrocytes. The disclosure provides a method in which mature enucleated erythrocytes and/or reticulocytes are produced maintaining and/or culturing stem cells (for example differentiating or differentiated stem cells) under one or more maturation conditions in which the pH, level of (dissolved) oxygen; and level of mechanical stress is controlled.

IPC 8 full level
C12N 5/078 (2010.01)

CPC (source: EP)
C12N 5/0641 (2013.01); **C12N 2501/01** (2013.01); **C12N 2501/125** (2013.01); **C12N 2501/155** (2013.01); **C12N 2501/415** (2013.01); **C12N 2501/727** (2013.01); **C12N 2506/02** (2013.01); **C12N 2506/45** (2013.01)

Citation (search report)
See references of WO 2016116769A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2016116769 A1 20160728; EP 3247790 A1 20171129; GB 201501159 D0 20150311

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