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(54) Title: DIFFERENTIATION OF PRIMATE PLURIPOTENT CELLS TO HEPATOCYTE-LINEAGE CELLS

(57) Abstract: Methods for differentiating primate pluripotent stem cells into hepatocyte-lineage cells are provided. In certain embodiments, the methods utilize sequential culturing of the primate pluripotent stem cells in certain growth factors to produce hepatocyte-lineage cells. In certain embodiments, the population of cells produced by the methods is further enriched for hepatocyte-lineage cells.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC: C12N 5/00(2006.01)

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 435/325, 375, 377

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/0138948 A1 (FISK et al) 24 July 2003 (24.07.2003), entire document.	1-55
A	US 2006/0003446 A1 (KELLER et al) 5 January 2006 (05.01.2006), entire document.	1-55
A	US 2002/0146678 A1 (BENVENISTY) 10 October 2002 (10.10.2002), entire document.	1-55

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"O" document referring to an oral disclosure, use, exhibition or other means	
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