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(57) Abstract: Methods for differentiating human pluripotent stem cells into islet-like cells are provided. In certain embodiments, the methods utilize sequential culturing of the human pluripotent stem cells with certain factors to produce islet-like cells. In certain embodiments, the population of cells produced by the methods is further enriched for islet-like cells.



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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 6,326,201 B1 (FUNG et al) 4 December 2001 (04.12.2001), entire document.	1-28
A	US 2005/0054102 A1 (WOBUS et al) 10 March 2005 (10.03.2005), entire document.	1-28
A	US 6,946,293 B1 (LU et al) 20 September 2005 (20.09.2005), entire document.	1-28
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