

Title (en)

MEGAKARYOCYTE AND PLATELET GROWTH, PRODUCTION AND COMPOSITION.

Title (de)

WACHSTUM, HERSTELLUNG UND ZUSAMMENSETZUNG AUS MEGAKARYOCYTEN UND PLÄTTCHEN.

Title (fr)

CROISSANCE, PRODUCTION ET COMPOSITION DES MEGACARYOCYTES ET DES THROMBOCYTES.

Publication

EP 0675726 A4 19960925 (EN)

Application

EP 94902510 A 19931207

Priority

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- US 98921592 A 19921211

Abstract (en)

[origin: WO9413306A1] Megakaryocytes and platelets are produced in culture by employing conditions inhibiting the formation of fibroblasts. Particularly, heparin is found to inhibit fibroblasts as well as inactivating factors produced by platelets which inhibit megakaryocyte formation. Isolation of a CD34<+>41<+> cell population which enriches for both megakaryocyte and granulocyte-macrophage progenitors is provided.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] WO 9206178 A1 19920416 - SYSTEMIX INC [US]
- [X] OVAL J ET AL: "CHARACTERIZATION OF A FACTOR-DEPENDENT ACUTE LEUKEMIA CELL LINE WITH TRANSLOCATION 3 3Q21 Q26.", BLOOD 76 (7). 1990. 1369-1374, XP000575874
- [A] ALTER R ET AL: "DOES THE EFFICIENCY OF PERIPHERAL BLOOD HEMATOPOIETIC STEM CELL COLLECTION CHANGE DURING A FOUR HOUR APHERESIS PROCEDURE.", SEVENTEENTH ANNUAL MEETING OF THE INTERNATIONAL SOCIETY FOR EXPERIMENTAL HEMATOLOGY, HOUSTON, TEXAS, USA, AUGUST 21-25, 1988. EXP HEMATOL (NY) 16 (6). 1988. 478, XP000575813
- [A] STRANEVA J E ET AL: "TERMINAL CYTOPLASMIC MATURATION OF HUMAN MEGAKARYOCYTES IN- VITRO.", EXP HEMATOL (N Y) 14 (10). 1986. 919-929, XP000575812
- See references of WO 9413306A1

Designated contracting state (EPC)

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