

Title (en)
MONONUCLEAR CELL DERIVED NK CELLS

Title (de)
AUS EINKERNIGEN ZELLEN ABGELEITETE NK-ZELLEN

Title (fr)
CELLULES NK DÉRIVÉES DE CELLULES MONONUCLÉAIRES

Publication
EP 3853354 A1 20210728 (EN)

Application
EP 19936966 A 20190708

Priority
US 2019040867 W 20190708

Abstract (en)
[origin: WO2021006875A1] Cord blood or peripheral blood NK cells are prepared from whole blood mononuclear cells without the need to isolate CD34+ hematopoietic stem cells or NK cells, and without the need for a feeder layer. Advantageously, the methods presented herein use an enrichment process that uses antiCD16 agonist antibodies, antiCD3 antibodies, and N-803. Moreover, contemplated processes are suitable for adaptation into a fully automated production process (GMP in a box).

IPC 8 full level
C12N 5/0783 (2010.01)

CPC (source: EP IL KR)
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Designated contracting state (EPC)
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Designated extension state (EPC)
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WO 2021006875 A1 20210114; AU 2019456283 A1 20210520; AU 2019456283 B2 20230608; CA 3120695 A1 20210114; CN 113166726 A 20210723; EP 3853354 A1 20210728; EP 3853354 A4 20220420; IL 283998 A 20210729; JP 2022513614 A 20220209; JP 2023040184 A 20230322; JP 7213976 B2 20230127; KR 20210080566 A 20210630; SG 11202104339W A 20210528

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