

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)  
**C12N 5/0646** (2013.01 - EP IL KR); **C12N 2501/2315** (2013.01 - EP); **C12N 2501/50** (2013.01 - KR); **C12N 2501/515** (2013.01 - EP IL); **C12N 2501/599** (2013.01 - EP IL); **C12N 2506/11** (2013.01 - EP); **C12N 2509/00** (2013.01 - KR)

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

DOCDB simple family (publication)  
**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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