

Title (en)

FACTOR IX ENCODING NUCLEOTIDES

Title (de)

FAKTOR IX-CODIERENDE NUKLEOTIDE

Title (fr)

NUCLÉOTIDES CODANT POUR LE FACTEUR IX

Publication

EP 3810770 A1 20210428 (EN)

Application

EP 19762195 A 20190820

Priority

- US 201816105583 A 20180820
- GB 201813528 A 20180820
- GB 2019052339 W 20190820

Abstract (en)

[origin: WO2020039183A1] The present invention relates to polynucleotides comprising a Factor IX nucleotide sequence, wherein the Factor IX nucleotide sequence comprises a coding sequence that encodes a Factor IX protein or fragment thereof and wherein a portion of the coding sequence is not wild type. The present invention further relates to viral particles comprising a recombinant genome comprising the polynucleotide of the invention, compositions comprising the polynucleotides or viral particles, and methods and uses of the polynucleotides, viral particles or compositions.

IPC 8 full level

A61K 38/48 (2006.01); **A61P 7/04** (2006.01); **C12N 9/64** (2006.01); **C12N 15/864** (2006.01)

CPC (source: EP IL KR)

A61K 38/00 (2013.01 - IL); **A61K 38/4846** (2013.01 - KR); **A61K 48/005** (2013.01 - EP IL); **A61P 7/04** (2017.12 - EP IL KR);
C12N 9/644 (2013.01 - EP IL KR); **C12N 15/52** (2013.01 - KR); **C12N 15/85** (2013.01 - KR); **C12Y 304/21022** (2013.01 - EP IL KR);
A61K 38/00 (2013.01 - EP); **C12N 2750/14143** (2013.01 - EP IL KR); **C12N 2830/007** (2013.01 - KR)

Citation (search report)

See references of WO 2020039183A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2020039183 A1 20200227; AU 2019323747 A1 20210304; BR 112021002998 A2 20210511; CA 3109579 A1 20200227;
CN 112739818 A 20210430; EP 3810770 A1 20210428; IL 280973 A 20210429; JP 2021533799 A 20211209; KR 20210049129 A 20210504;
MX 2021001901 A 20210527; SG 11202101560Q A 20210330

DOCDB simple family (application)

GB 2019052339 W 20190820; AU 2019323747 A 20190820; BR 112021002998 A 20190820; CA 3109579 A 20190820;
CN 201980062207 A 20190820; EP 19762195 A 20190820; IL 28097321 A 20210218; JP 2021509867 A 20190820;
KR 20217008345 A 20190820; MX 2021001901 A 20190820; SG 11202101560Q A 20190820