

Title (en)
HUMAN COAGULATION FACTOR VII VARIANTS

Title (de)
VARIANTEN DES MENSCHLICHEN KOAGULATIONSFAKTORS VII

Title (fr)
VARIANTS DU FACTEUR VII DE COAGULATION HUMAINE

Publication
EP 1319067 A2 20030618 (EN)

Application
EP 01967077 A 20010913

Priority
• DK 0100596 W 20010913
• DK PA200001361 A 20000913
• US 23645500 P 20000929

Abstract (en)
[origin: WO0222776A2] The present invention relates to novel human coagulation Factor VIIa variants having coagulant activity as well as nucleic acid constructs encoding such variants, vectors and host cells comprising and expressing the nucleic acid, pharmaceutical compositions, uses and methods of treatment.

IPC 1-7
C12N 9/64; **A61K 38/48**; **C07K 14/745**

IPC 8 full level
A01H 1/00 (2006.01); **A01K 67/00** (2006.01); **A01K 67/027** (2006.01); **A01H 5/00** (2006.01); **A61K 38/00** (2006.01); **A61K 38/36** (2006.01); **A61K 38/48** (2006.01); **A61P 7/04** (2006.01); **A61P 41/00** (2006.01); **C07K 14/745** (2006.01); **C12N 5/10** (2006.01); **C12N 9/64** (2006.01); **C12N 15/09** (2006.01); **C12N 15/12** (2006.01); **C12P 21/02** (2006.01)

IPC 8 main group level
C07K (2006.01); **C12N** (2006.01)

CPC (source: EP)
A61K 38/4846 (2013.01); **A61P 7/04** (2018.01); **A61P 41/00** (2018.01); **C12N 9/6437** (2013.01); **C12N 9/647** (2013.01); **C12Y 304/21021** (2013.01)

Citation (examination)
• PERSSON EGON ET AL: "Assignment of molecular properties of a superactive coagulation factor VIIa variant to individual amino acid changes", EUROPEAN JOURNAL OF BIOCHEMISTRY, BLACKWELL PUBLISHING, BERLIN, DE, vol. 269, no. 23, 1 December 2002 (2002-12-01), pages 5950 - 5955, XP002309086, ISSN: 0014-2956, DOI: 10.1046/J.1432-1033.2002.03323.X
• PERSSON E ET AL: "RATIONAL DESIGN OF COAGULATION FACTOR VIIA VARIANTS WITH SUBSTANTIALLY INCREASED INTRINSIC ACTIVITY", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES, NATIONAL ACADEMY OF SCIENCES, WASHINGTON, DC; US, vol. 98, no. 24, 20 November 2001 (2001-11-20), pages 13583 - 13588, XP002909203, ISSN: 0027-8424, DOI: 10.1073/PNAS.241339498
• See also references of WO 0222776A2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Designated extension state (EPC)
LT RO SI

DOCDB simple family (publication)
WO 0222776 A2 20020321; **WO 0222776 A3 20020718**; **WO 0222776 A9 20030522**; AU 2001287550 B2 20070322; AU 8755001 A 20020326; EP 1319067 A2 20030618; EP 2226385 A1 20100908; EP 2226385 B1 20130710; EP 2253703 A1 20101124; HU P0301246 A2 20030828; HU P0301246 A3 20051228; IL 154520 A0 20030917; IL 154520 A 20100616; IL 196482 A 20110331; IL 206229 A 20120229; JP 2004508822 A 20040325; JP 2009278980 A 20091203; JP 4361728 B2 20091111; JP 4814359 B2 20111116; PL 204888 B1 20100226; PL 360384 A1 20040906

DOCDB simple family (application)
DK 0100596 W 20010913; AU 2001287550 A 20010913; AU 8755001 A 20010913; EP 01967077 A 20010913; EP 10161855 A 20010913; EP 10172126 A 20010913; HU P0301246 A 20010913; IL 15452001 A 20010913; IL 15452003 A 20030218; IL 19648209 A 20090113; IL 20622910 A 20100607; JP 2002527015 A 20010913; JP 2009148765 A 20090623; PL 36038401 A 20010913