

Title (en)  
PROTEASE

Title (de)  
PROTEASE MIT ZWEI ASPARTATRESTEN IN DER KATALYTISCH AKTIVEN STRUKTUR

Title (fr)  
PROTEASE

Publication  
**EP 1144603 A3 20020206 (DE)**

Application  
**EP 00903587 A 20000119**

Priority

- DE 19902550 A 19990122
- DE 19925946 A 19990608
- DE 19929115 A 19990624
- EP 0000390 W 20000119

Abstract (en)  
[origin: WO0043505A2] The invention relates to protease with two aspartate radicals in a catalytically active structure, a first aspartate radical being in a sequence X1GX2GD and a second aspartate radical being in a sequence X3X4DX5, X1, X2, X3 and X5 being selected independently of each other from the following: Ala, Val, Leu, Met and Ile; and X4 being an aromatic amino acid. The sequences X1GX2GD and X3X4DX5 lie in a transmembrane region.

IPC 1-7  
**C12N 9/64**; C07K 16/40; A61K 38/48; A61K 48/00; A61K 39/395; G01N 33/53; C12Q 1/68; C12N 5/10; C07K 14/47

IPC 8 full level  
**C12N 9/50** (2006.01); **C12N 9/64** (2006.01); **C12Q 1/37** (2006.01); **A61K 38/00** (2006.01); **A61K 48/00** (2006.01)

CPC (source: EP US)  
**C12N 9/50** (2013.01 - EP US); **C12N 9/6478** (2013.01 - EP); **C12Q 1/37** (2013.01 - EP); **A61K 38/00** (2013.01 - EP); **A61K 48/00** (2013.01 - EP); **A61K 2039/505** (2013.01 - EP)

Citation (search report)  
See references of WO 0043505A2

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

DOCDB simple family (publication)  
**WO 0043505 A2 20000727**; **WO 0043505 A3 20011129**; AU 2542100 A 20000807; CA 2360585 A1 20000727; EP 1144603 A2 20011017; EP 1144603 A3 20020206

DOCDB simple family (application)  
**EP 0000390 W 20000119**; AU 2542100 A 20000119; CA 2360585 A 20000119; EP 00903587 A 20000119