

Title (en)

PHARMACEUTICAL FORMULATION CONTAINING A MICROBIAL ENZYME WHICH DIGESTS HYALURONIC ACID

Title (de)

PHARMAZEUTISCHE FORMULIERUNG ENTHALTEND EIN HYALURONSÄURE-SPALTENDES ENZYM MIKROBIELLER HERKUNFT

Title (fr)

FORMULATION PHARMACEUTIQUE CONTENANT UN ENZYME DECOMPOSANT L'ACIDE HYALURONIQUE ET D'ORIGINE MICROBIENNE

Publication

EP 1056839 A1 20001206 (DE)

Application

EP 99964464 A 19991222

Priority

- DE 9904108 W 19991222
- DE 19860541 A 19981223
- DE 19860542 A 19981223

Abstract (en)

[origin: WO0039290A2] The invention relates to pharmaceutical compositions which are especially suitable as injection preparations to be used for the therapy of vascular diseases which are caused by atheromatous deposits on the inner walls of arteria. Said injection preparations contain bacterial hyaluronate lyase or a hyaluronate-digesting enzyme fragment produced from said enzyme. The invention also relates to the hyaluronate-digesting enzyme fragment of the bacterial hyaluronate lyase. It may be produced by treating the holoenzyme with a specifically digesting protease.

IPC 1-7

C12N 9/88; A61K 38/51; A61P 7/02; A61P 9/06; A61P 9/10

IPC 8 full level

A61K 9/08 (2006.01); **A61K 38/00** (2006.01); **A61K 38/51** (2006.01); **A61K 47/02** (2006.01); **A61K 47/26** (2006.01); **A61P 7/02** (2006.01);
A61P 9/06 (2006.01); **A61P 9/10** (2006.01); **C12N 9/88** (2006.01)

CPC (source: EP KR)

A61K 38/51 (2013.01 - EP); **A61P 7/02** (2018.01 - EP); **A61P 9/06** (2018.01 - EP); **A61P 9/10** (2018.01 - EP); **C12N 9/88** (2013.01 - EP KR);
C12Y 402/02001 (2013.01 - EP)

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 0039290 A2 20000706; WO 0039290 A3 20010308; WO 0039290 A8 20001019; AU 3032400 A 20000731; CA 2318356 A1 20000706;
DE 19982882 D2 20011004; EP 1056839 A1 20001206; HU P0103660 A2 20020128; IL 138051 A0 20011031; JP 2002533473 A 20021008;
KR 20010041235 A 20010515; PL 344745 A1 20011119

DOCDB simple family (application)

DE 9904108 W 19991222; AU 3032400 A 19991222; CA 2318356 A 19991222; DE 19982882 T 19991222; EP 99964464 A 19991222;
HU P0103660 A 19991222; IL 13805199 A 19991222; JP 2000591182 A 19991222; KR 20007009327 A 20000823; PL 34474599 A 19991222