

Title (en)

METHOD FOR RECONSTITUTING A RECOMBINANT PROTEIN TO ITS BIOLOGICALLY ACTIVE FORM

Title (de)

VERFAHREN ZUR WIEDERHERSTELLUNG EINES BIOLOGISCH-AKTIVEN REKOMBINANTEN PROTEINES

Title (fr)

PROCEDE DE RECONSTITUTION SOUS SA FORME ACTIVE D'UNE PROTEINE DE RECOMBINAISON

Publication

EP 1438327 A1 20040721 (EN)

Application

EP 02800587 A 20021001

Priority

- EP 02800587 A 20021001
- EP 0210992 W 20021001
- EP 01123698 A 20011003

Abstract (en)

[origin: EP1300415A1] In a method for reconstituting a recombinant protein from a denatured state to its active form, a feed solution containing the recombinant protein in its denatured and/or in biologically inactive intermediate forms is subjected to a chromatographic separation process, in which the protein is reconstituted under conditions that promote refolding of the protein and the intermediate forms are separated from the refolded protein. The denatured form and/or the inactive intermediate forms of the protein are separated from the refolded protein in a continuous or quasi-continuous manner and optionally recycled to the feed solution. <IMAGE>

IPC 1-7

C07K 1/113; **C07K 1/16**; **C07K 1/18**; **C07K 1/20**; **C07K 1/22**; **C07K 1/36**

IPC 8 full level

C07K 1/113 (2006.01); **C07K 1/16** (2006.01); **C07K 1/18** (2006.01); **C07K 1/20** (2006.01); **C07K 1/22** (2006.01); **C07K 1/36** (2006.01)

CPC (source: EP KR)

C07K 1/1133 (2013.01 - EP); **C07K 1/1136** (2013.01 - EP); **C07K 1/16** (2013.01 - EP KR); **C07K 1/36** (2013.01 - EP)

Citation (search report)

See references of WO 03031465A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

EP 1300415 A1 20030409; **EP 1300415 B1 20070124**; CA 2462232 A1 20030417; CA 2462232 C 20120103; DE 60126283 D1 20070315; DE 60126283 T2 20070705; EP 1438327 A1 20040721; EP 2298788 A1 20110323; JP 2005510481 A 20050421; JP 4264000 B2 20090513; KR 100930877 B1 20091210; KR 20040051594 A 20040618; WO 03031465 A1 20030417

DOCDB simple family (application)

EP 01123698 A 20011003; CA 2462232 A 20021001; DE 60126283 T 20011003; EP 0210992 W 20021001; EP 02800587 A 20021001; EP 10180934 A 20021001; JP 2003534447 A 20021001; KR 20047004379 A 20021001