

Title (en)  
METHOD FOR PRODUCING RECOMBINANT PROTEINS IN MICRO-ORGANISMS

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON REKOMBINANTEN PROTEINEN IN MIKROORGANISMEN

Title (fr)  
PROCEDE POUR PRODUIRE DES PROTEINES DE RECOMBINAISON DANS DES MICRO-ORGANISMES

Publication  
**EP 1472346 A2 20041103 (DE)**

Application  
**EP 03737248 A 20030206**

Priority

- EP 03737248 A 20030206
- DE 0300341 W 20030206
- EP 02002716 A 20020206
- US 35780902 P 20020221

Abstract (en)  
[origin: WO03066842A2] The invention relates to a method for producing a recombinant functional plasminogen in micro-organisms, and to a method for identifying plasminogen activators. The nucleic acid sequence coding for the functional part of the plasminogen is fused with a nucleic acid molecule coding for at least one signal peptide. The nucleic acid molecule coding for the plasminogen and the nucleic acid molecule coding for the signal peptide are combined with codons for interfaces of proteases which ensure the separation of the signal peptide. The recombinant plasminogen or the corresponding plasmin is suitable for treating wounds which are slow to heal or not healing, by application of the enzyme in an appropriate formulation.

IPC 1-7  
**C12N 9/68**

IPC 8 full level  
**A61K 9/06** (2006.01); **A61K 9/70** (2006.01); **A61K 31/616** (2006.01); **A61K 31/727** (2006.01); **A61K 38/43** (2006.01); **A61K 38/48** (2006.01); **A61K 45/00** (2006.01); **A61P 7/00** (2006.01); **A61P 7/02** (2006.01); **A61P 9/00** (2006.01); **A61P 9/10** (2006.01); **A61P 17/02** (2006.01); **A61P 27/02** (2006.01); **C08B 37/10** (2006.01); **C12N 1/15** (2006.01); **C12N 1/19** (2006.01); **C12N 9/68** (2006.01); **C12N 15/09** (2006.01); **C12N 15/57** (2006.01); **C12N 15/62** (2006.01); **C12Q 1/37** (2006.01)

CPC (source: EP)  
**A61P 7/00** (2017.12); **A61P 7/02** (2017.12); **A61P 9/00** (2017.12); **A61P 9/10** (2017.12); **A61P 17/02** (2017.12); **A61P 27/02** (2017.12); **C12N 9/6435** (2013.01); **C12N 15/62** (2013.01); **C12Y 304/21007** (2013.01); **C07K 2319/02** (2013.01)

Citation (search report)  
See references of WO 03066842A2

DOCDB simple family (publication)  
**WO 03066842 A2 20030814**; **WO 03066842 A3 20040610**; AU 2003210137 A1 20030902; AU 2003210137 A8 20030902; CA 2475277 A1 20030814; CN 1768138 A 20060503; EP 1472346 A2 20041103; JP 2005525798 A 20050902; MX PA04007585 A 20050920

DOCDB simple family (application)  
**DE 0300341 W 20030206**; AU 2003210137 A 20030206; CA 2475277 A 20030206; CN 03803326 A 20030206; EP 03737248 A 20030206; JP 2003566193 A 20030206; MX PA04007585 A 20030206