

Title (en)

PROTEASES FUSED WITH VARIANTS OF STREPTOMYCES SUBTILISIN INHIBITOR

Title (de)

PROTEASEN DIE MIT STREPTOMYCES SUBTILISIN INHIBITOR VARIANTEN FUSIONIERT SIND

Title (fr)

PROTEASES FUSIONNEES AVEC DES VARIANTS D'INHIBITEUR DE SUBTILISINE DE STREPTOMYCES

Publication

EP 1093522 A2 20010425 (EN)

Application

EP 99932288 A 19990707

Priority

- US 9915247 W 19990707
- US 9190498 P 19980707

Abstract (en)

[origin: WO0001831A2] The present invention relates to fusion proteins wherein the fusion protein comprises a protease part; and a variant part, wherein the variant part has a modified amino acid sequence of a parent amino acid sequence, wherein the modified amino acid sequence comprises an amino acid substitution at position 63 corresponding to SSI, and wherein the parent amino acid sequence is selected from the group consisting of SSI, SSI-like inhibitors, variants of SSI, and variants of SSI-like inhibitors. Such fusion proteins are useful in cleaning compositions and personal care compositions. The present invention also relates to cleaning compositions and personal care compositions comprising the present fusion proteins, as well as DNA encoding the fusion proteins.

IPC 1-7

C12N 15/62; **C07K 19/00**

IPC 8 full level

C07K 14/47 (2006.01); **C07K 14/81** (2006.01); **C07K 19/00** (2006.01); **C11D 3/386** (2006.01); **C12N 9/54** (2006.01); **C12N 15/09** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP)

C07K 14/4703 (2013.01); **C07K 14/811** (2013.01); **C12N 9/54** (2013.01); **A61K 38/00** (2013.01); **C07K 2319/00** (2013.01)

Citation (search report)

See references of WO 0001831A2

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 0001831 A2 20000113; **WO 0001831 A3 20000413**; AR 020105 A1 20020410; AU 4862499 A 20000124; BR 9911891 A 20010327; CA 2332177 A1 20000113; CN 1317052 A 20011010; EP 1093522 A2 20010425; JP 2004500008 A 20040108

DOCDB simple family (application)

US 9915247 W 19990707; AR P990103287 A 19990707; AU 4862499 A 19990707; BR 9911891 A 19990707; CA 2332177 A 19990707; CN 99810503 A 19990707; EP 99932288 A 19990707; JP 2000558221 A 19990707