

Title (en)
LAUNDRY DETERGENT AND/OR FABRIC CARE COMPOSITIONS COMPRISING A MODIFIED CELLULASE

Title (de)
TEXTILWASCHMITTEL UND/ODER STOFFBEHANDLUNGSMITTEL MIT EIN ERMODIFIZIERTEN ZELLULASE

Title (fr)
COMPOSITIONS DE DETERGENT A LESSIVE ET/OU DE PRODUITS D'ENTRETIEN DES TISSUS CONTENANT UNE CELLULASE MODIFIEE

Publication
EP 1073725 A1 20010207 (EN)

Application
EP 99920184 A 19990430

Priority

- US 9909409 W 19990430
- US 9808904 W 19980501

Abstract (en)
[origin: WO9957257A1] The present invention relates to a modified enzyme which comprises a catalytically active amino acid sequence of a cellulolytic enzyme linked to an amino acid sequence comprising a Cellulose Binding Domain (CBD) having a relative binding constant (K_{r-a}) for binding to amorphous cellulose higher than 2.4 l/g cellulose, preferably higher than 3.5 l/g cellulose, more preferably higher than 4 l/g cellulose, for selective binding and hydrolysis of amorphous cellulose of cotton containing fabrics in a laundry and/or fabric care application. The present invention further relates to laundry detergent and/or fabric care compositions comprising this modified enzyme.

IPC 1-7
C12N 9/42; **C11D 3/386**; **D06M 16/00**

IPC 8 full level
C11D 3/386 (2006.01); **C12N 9/42** (2006.01); **D06M 16/00** (2006.01)

CPC (source: EP)
C11D 3/38645 (2013.01); **C12N 9/2437** (2013.01); **C12Y 302/01004** (2013.01); **D06M 16/003** (2013.01)

Citation (search report)
See references of WO 9957259A1

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

DOCDB simple family (publication)
WO 9957257 A1 19991111; AU 3774399 A 19991123; AU 7365998 A 19991123; CA 2331137 A1 19991111; CN 1307634 A 20010808; EP 1073725 A1 20010207; WO 9957259 A1 19991111

DOCDB simple family (application)
US 9808904 W 19980501; AU 3774399 A 19990430; AU 7365998 A 19980501; CA 2331137 A 19990430; CN 99808072 A 19990430; EP 99920184 A 19990430; US 9909409 W 19990430