

Title (en)  
DETERGENT COMPOSITIONS CONTAINING CELLULASE COMPOSITIONS ENRICHED IN ACIDIC ENDOGLUCANASE TYPE COMPONENTS.

Title (de)  
DETERGENTEN-ZUSAMMENSETZUNGEN DIE ZELLULASE-VERBINDUNGEN, ANGEREICHERT IN SAUREN ENDOGLUCANASE-ÄHNLICHEN BESTANDTEILEN ENTHALTEN.

Title (fr)  
COMPOSITIONS DE DETERGENT CONTENANT DES COMPOSITIONS DE CELLULASE ENRICHIES EN CONSTITUANTS DU TYPE ENDOGLUCANASE ACIDE.

Publication  
**EP 0552276 A1 19930728 (EN)**

Application  
**EP 91919464 A 19911004**

Priority  
• US 59391990 A 19901005  
• US 66864091 A 19910313

Abstract (en)  
[origin: WO9206210A1] Disclosed are acidic cellulase compositions enriched in endoglucanase components. Such cellulase compositions impart improved softening properties to detergent compositions when used in acidic, neutral or alkaline washing media. Additionally, such compositions impart color retention/restoration properties to the detergent composition.

Abstract (fr)  
Compositions de cellulase acides enrichies en constituants d'endoglucanase. Lesdites compositions de cellulase confèrent des propriétés d'assouplissement amélioré à des compositions de détergents lorsqu'on les utilise dans des milieux de lavage acide, neutre ou alcalin. De plus, lesdites compositions confèrent des propriétés de rétention/reconstitution de couleurs à la composition de détergent.

IPC 1-7  
**C12P 21/00**; D06M 16/00; D06M 11/00

IPC 8 full level  
**C11D 3/386** (2006.01); **C12N 9/24** (2006.01); **C12N 9/42** (2006.01); **C12N 15/09** (2006.01); **C12N 15/80** (2006.01); **D06L 1/12** (2006.01); **D06M 16/00** (2006.01); **C12R 1/885** (2006.01); **D06M 101/00** (2006.01); **D06M 101/02** (2006.01); **D06M 101/06** (2006.01)

CPC (source: EP)  
**C11D 3/38645** (2013.01); **C12N 9/2437** (2013.01); **C12N 15/80** (2013.01); **C12Y 302/01004** (2013.01); **D06M 16/003** (2013.01); **D06M 2200/50** (2013.01)

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

DOCDB simple family (publication)  
**WO 9206210 A1 19920416**; CA 2093425 A1 19920406; EP 0552276 A1 19930728; EP 0552276 A4 19950426; FI 931490 A0 19930401; FI 931490 A 19930531; JP H06502205 A 19940310

DOCDB simple family (application)  
**US 9107273 W 19911004**; CA 2093425 A 19911004; EP 91919464 A 19911004; FI 931490 A 19930401; JP 51757891 A 19911004