

Title (en)

LAUNDRY DETERGENT COMPOSITION CONTAINING HIGH LEVEL OF PROTEASE ENZYME

Title (de)

WASCHMITTELZUSAMMENSETZUNG MIT HOHEM PROTEASEGEHALT

Title (fr)

COMPOSITIONS DETERGENTES DE LESSIVE A FORTE TENEUR EN PROTEASE

Publication

**EP 1187898 A1 20020320 (EN)**

Application

**EP 00932618 A 20000519**

Priority

- US 0013822 W 20000519
- US 31483899 A 19990519
- US 56966500 A 20000512

Abstract (en)

[origin: WO0070006A1] A laundry detergent composition is provided for enhanced whitening and stain removal of washed laundry comprising: a) from about 1 % to about 50 %, by weight, of a surfactant or surfactant mixture selected from the group consisting of anionic and nonionic surfactants; b) a protease enzyme in an amount sufficient to provide from at least about 0.030 to about 3.0 Kilo Novo Protease Units (KNPU) of activity of protease enzyme per gram of detergent composition; c) a cellulase enzyme of the endoglucanase type in an amount sufficient to provide from about 0.5 to about 100 CMC units per gram of detergent composition; and d) from about 0.5 % to about 10 % by weight, of an acrylic acid-based polymer and copolymer.

IPC 1-7

**C11D 3/386; C11D 3/37**

IPC 8 full level

**C11D 3/37** (2006.01); **C11D 3/386** (2006.01); **C11D 3/39** (2006.01)

CPC (source: EP)

**C11D 3/3757** (2013.01); **C11D 3/386** (2013.01); **C11D 3/38645** (2013.01); **C11D 3/3902** (2013.01)

Citation (search report)

See references of WO 0070006A1

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 0070006 A1 20001123**; AU 5031400 A 20001205; AU 772325 B2 20040422; CA 2372394 A1 20001123; EP 1187898 A1 20020320; NZ 515457 A 20040130; TR 200103296 T2 20020521; TW I228541 B 20050301

DOCDB simple family (application)

**US 0013822 W 20000519**; AU 5031400 A 20000519; CA 2372394 A 20000519; EP 00932618 A 20000519; NZ 51545700 A 20000519; TR 200103296 T 20000519; TW 89109616 A 20000717