

Title (en)

BLEACH COMPOSITIONS COMPRISING PROTEASE ENZYME

Title (de)

BLEICHMITTELZUSAMMENSETZUNGEN MIT PROTEASE

Title (fr)

COMPOSITIONS DE BLANCHIMENT COMPRENANT UNE ENZYME PROTEASE

Publication

**EP 0756622 B1 19991215 (EN)**

Application

**EP 95914188 A 19950324**

Priority

- US 9503725 W 19950324
- US 23251094 A 19940422

Abstract (en)

[origin: WO9529225A1] Bleaching and cleaning compositions comprising a bleaching compound, one or more bleach activators, and protease enzymes are provided. Thus, laundry detergent compositions which comprise protease, perborate or percarbonate and activators such as benzoyl caprolactam exhibit improved dingy clean-up performance.

IPC 1-7

**C11D 3/39**; **C11D 3/386**

IPC 8 full level

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

CPC (source: EP)

**C11D 3/38609** (2013.01); **C11D 3/3907** (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

**WO 9529225 A1 19951102**; AT E187765 T1 20000115; CA 2187305 A1 19951102; CA 2187305 C 20010116; CN 1083004 C 20020417; CN 1151179 A 19970604; DE 69513967 D1 20000120; DE 69513967 T2 20000720; EP 0756622 A1 19970205; EP 0756622 B1 19991215; ES 2139891 T3 20000216; JP 2968339 B2 19991025; JP H10500439 A 19980113

DOCDB simple family (application)

**US 9503725 W 19950324**; AT 95914188 T 19950324; CA 2187305 A 19950324; CN 95193698 A 19950324; DE 69513967 T 19950324; EP 95914188 A 19950324; ES 95914188 T 19950324; JP 52764095 A 19950324