

Title (en)

A DETERGENT ADDITIVE FOR BLEACHING FABRIC

Publication

EP 0424398 B1 19920311 (EN)

Application

EP 89905395 A 19890414

Priority

DK 212388 A 19880415

Abstract (en)

[origin: WO8909813A1] A detergent additive for use in a process for bleaching stained fabric comprises an enzyme exhibiting peroxidase activity and optionally also hydrogen peroxide or a precursor thereof, e.g. a perborate or percarbonate. The detergent additive may further comprise an enzyme capable of generating hydrogen peroxide, e.g. an oxidase, and a substrate therefor.

IPC 1-7

C11D 3/386; C11D 3/395

IPC 8 full level

C11D 3/386 (2006.01); **C11D 3/39** (2006.01); **C11D 3/395** (2006.01); **C11D 7/42** (2006.01); **C11D 7/54** (2006.01); **D06L 3/02** (2006.01); **D06M 16/00** (2006.01)

CPC (source: EP KR US)

C11D 3/38654 (2013.01 - EP US); **C11D 3/39** (2013.01 - EP US); **C11D 3/395** (2013.01 - KR US)

Cited by

CN1035886C; US6384007B1; US6225275B1; US6380146B1; US6323014B1; US6169065B1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

WO 8909813 A1 19891019; AU 3551989 A 19891103; AU 617811 B2 19911205; DK 212388 D0 19880415; EP 0424398 A1 19910502; EP 0424398 B1 19920311; FI 905038 A0 19901012; FI 95596 B 19951115; FI 95596 C 19960226; JP 2716233 B2 19980218; JP H03505100 A 19911107; KR 900700587 A 19900816; KR 960010589 B1 19960806; NO 176404 B 19941219; NO 176404 C 19950329; NO 904422 D0 19901012; NO 904422 L 19901012

DOCDB simple family (application)

DK 8900088 W 19890414; AU 3551989 A 19890414; DK 212388 A 19880415; EP 89905395 A 19890414; FI 905038 A 19901012; JP 50509989 A 19890414; KR 890702357 A 19891215; NO 904422 A 19901012