

Title (en)

BLEACHING WITH COMPOSITIONS COMPRISING PEROXYACID ACTIVATORS HAVING AMIDE MOIETIES

Title (de)

BLEICHVERFAHREN MIT PEROXOSÄURENAKTIVATOREN MIT AMIDBINDUNGEN ENTHALTENDEN ZUSAMMENSETZUNGEN

Title (fr)

PROCEDE DE BLANCHIMENT AVEC DES COMPOSITIONS COMPRENANT DES ADJUVANTS AU PEROXYACIDE AYANT DES FRACTIONS AMIDE

Publication

EP 0699233 B1 19990324 (EN)

Application

EP 94917980 A 19940512

Priority

- US 9405370 W 19940512
- US 6456493 A 19930520
- US 15108593 A 19931112

Abstract (en)

[origin: WO9428104A1] The present invention relates to a method of cleaning fabrics in washing machines which have parts made of natural rubber using laundry detergents comprising amido-derived bleaching activators and a source of hydrogen peroxide such that said natural rubber parts of said machines are substantially undamaged by products of the perhydrolysis reaction between the activator and hydrogen peroxide.

IPC 1-7

C11D 3/39

IPC 8 full level

D06L 1/20 (2006.01); **C11D 3/32** (2006.01); **C11D 3/39** (2006.01); **C11D 3/395** (2006.01); **D06L 3/02** (2006.01)

CPC (source: EP)

C11D 3/3917 (2013.01); **C11D 3/392** (2013.01)

Citation (examination)

- US 4634551 A 19870106 - BURNS MICHAEL E [US], et al
- US 4852989 A 19890801 - BURNS MICHAEL E [US], et al

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 9428104 A1 19941208; AT E178091 T1 19990415; AU 6949294 A 19941220; BR 9406307 A 19951226; CA 2161211 C 19990907; CN 1057792 C 20001025; CN 1124038 A 19960605; CZ 305895 A3 19960515; DE 69417413 D1 19990429; DE 69417413 T2 19991028; EP 0699233 A1 19960306; EP 0699233 B1 19990324; HU 216639 B 19990728; HU 9503298 D0 19960129; HU T73730 A 19960930; JP H08510778 A 19961112

DOCDB simple family (application)

US 9405370 W 19940512; AT 94917980 T 19940512; AU 6949294 A 19940512; BR 9406307 A 19940512; CA 2161211 A 19940512; CN 94192173 A 19940512; CZ 305895 A 19940512; DE 69417413 T 19940512; EP 94917980 A 19940512; HU 9503298 A 19940512; JP 50071995 A 19940512