

Title (en)

Cleaning and bleaching compositions

Title (de)

Reinigungs- und Bleichmittelzusammensetzungen

Title (fr)

Compositions de nettoyage et de blanchiment

Publication

**EP 0598170 B1 19980204 (EN)**

Application

**EP 92870188 A 19921116**

Priority

EP 92870188 A 19921116

Abstract (en)

[origin: EP0598170A1] Aqueous cleaning and bleaching compositions are disclosed which comprise a hydrophobic liquid ingredient which is emulsified in the composition by using a specific nonionic surfactant mixture. The hydrophobic liquid ingredient is preferably a bleach activator. The compositions disclosed are physically and chemically stable and provide outstanding cleaning.

IPC 1-7

**C11D 3/39**

IPC 8 full level

**D06L 1/12** (2006.01); **B01J 3/08** (2006.01); **C11D 1/66** (2006.01); **C11D 1/825** (2006.01); **C11D 3/33** (2006.01); **C11D 3/37** (2006.01); **C11D 3/39** (2006.01); **C11D 3/395** (2006.01); **D06L 3/02** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP)

**C11D 1/825** (2013.01); **C11D 3/33** (2013.01); **C11D 3/3947** (2013.01); **C11D 1/72** (2013.01)

Cited by

EP0779357A1; EP0735133A1; EP0686691A1; EP0751210A1; US5713962A; CN1049402C; US5902354A; US5880079A; US5916865A; EP0826770A3; US5879409A; US5879584A; US5409632A; US6080712A; EP1010749A3; US6613726B1; US8969283B2; WO2011088089A1; WO2012138423A1; WO2012112828A1; WO9938482A1; WO9722407A1; WO9616148A1; EP0687726B1; EP0629693B1; EP0598693B1; EP0752376A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 0598170 A1 19940525; EP 0598170 B1 19980204;** AT E163037 T1 19980215; AT E163038 T1 19980215; AU 5455994 A 19940608; AU 683858 B2 19971127; BR 9307462 A 19990824; CA 2149320 A1 19940526; CA 2149320 C 19990202; DE 69224389 D1 19980312; DE 69224389 T2 19980813; DE 69316842 D1 19980312; DE 69316842 T2 19980910; DK 0598170 T3 19980302; DK 0598694 T3 19980302; EP 0598694 A1 19940525; EP 0598694 B1 19980204; ES 2113421 T3 19980501; ES 2113521 T3 19980501; GR 3026437 T3 19980630; GR 3026562 T3 19980731; JP 3285868 B2 20020527; JP H08503017 A 19960402; RU 2135558 C1 19990827; RU 95113166 A 19970110; WO 9411475 A1 19940526

DOCDB simple family (application)

**EP 92870188 A 19921116;** AT 92870188 T 19921116; AT 93870198 T 19931004; AU 5455994 A 19931029; BR 9307462 A 19931029; CA 2149320 A 19931029; DE 69224389 T 19921116; DE 69316842 T 19931004; DK 92870188 T 19921116; DK 93870198 T 19931004; EP 93870198 A 19931004; ES 92870188 T 19921116; ES 93870198 T 19931004; GR 980400624 T 19980324; GR 980400752 T 19980407; JP 51213494 A 19931029; RU 95113166 A 19931029; US 9310432 W 19931029