

Title (en)

Liquid detergent containing solid peroxygen bleach.

Title (de)

Flüssiges Reinigungsmittel, welches festes Peroxy-Bleichmittel enthält.

Title (fr)

Composition détergente liquide contenant un agent de blanchiment peroxydant.

Publication

EP 0293040 A1 19881130 (EN)

Application

EP 88201009 A 19880520

Priority

GB 8712430 A 19870527

Abstract (en)

Solid peroxygen bleach containing aqueous liquid detergent compositions having a pH of at least 8 are disclosed. The peroxygen bleach is water-soluble. The liquid detergent composition comprises a solvent system comprising water and a water-miscible solvent. The solvent system provides sufficient solubility of anionic surfactants, while keeping the solubility of the peroxygen bleach compound within defined limits.

IPC 1-7

C11D 3/39

IPC 8 full level

C11D 3/395 (2006.01); **C11D 3/39** (2006.01); **C11D 17/08** (2006.01); **D06L 1/12** (2006.01); **D06L 3/02** (2006.01)

CPC (source: EP KR)

C11D 3/39 (2013.01 - KR); **C11D 3/3947** (2013.01 - EP); **C11D 3/395** (2013.01 - KR)

Citation (search report)

- [X] US 4377489 A 19830322 - KING JEFFREY J
- [A] FR 2145644 A1 19730223 - MO OCH DOMSJOE AB
- [A] EP 0217454 A2 19870408 - UNILEVER NV [NL], et al

Cited by

US5229028A; EP0429124A1; EP0385522A3; US5776877A; US5977044A; EP0619368A1; US5264142A; US5681805A; US5264143A; EP0906950A1; EP0829532A1; US5942480A; US5731275A; US5759970A; US5792385A; US5877136A; EP0482274A1; US5468884A; AU636629B2; TR25827A; US4992194A; EP0431747A3; US5464552A; US5160655A; US5597790A; EP0482275A1; US5445756A; TR25342A; US5877137A; US5954998A; EP0430330A3; US5279772A; TR25074A; US6762160B2; WO9205238A1; WO9424247A1; WO9207055A1; WO9918180A1; WO9100902A1; WO9109103A1; WO9112309A3; EP0294904B1; EP0548019B1; EP0378262B1; EP0378261B1; EP0385522B1; EP0346994B1; EP2424352B1

Designated contracting state (EPC)

AT BE CH DE FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0293040 A1 19881130; EP 0293040 B1 19911211; EP 0293040 B2 19990609; AT E70296 T1 19911215; AU 1668488 A 19881201; AU 625049 B2 19920702; CA 1319077 C 19930615; CN 1026125 C 19941005; CN 88103670 A 19881214; DE 3866778 D1 19920123; DK 170991 B1 19960415; DK 292288 A 19881128; DK 292288 D0 19880527; EG 18585 A 19930830; FI 882486 A0 19880526; FI 882486 A 19881128; FI 89721 B 19930730; FI 89721 C 19931110; GB 8712430 D0 19870701; GR 3003434 T3 19930217; IE 63070 B1 19950322; IE 881586 L 19881127; JP 2721176 B2 19980304; JP S6438499 A 19890208; KR 880014094 A 19881222; MX 169169 B 19930623; NZ 224799 A 19901127; PH 25142 A 19910219; TR 25691 A 19930615

DOCDB simple family (application)

EP 88201009 A 19880520; AT 88201009 T 19880520; AU 1668488 A 19880526; CA 567834 A 19880526; CN 88103670 A 19880527; DE 3866778 T 19880520; DK 292288 A 19880527; EG 27988 A 19880525; FI 882486 A 19880526; GB 8712430 A 19870527; GR 910402149 T 19911224; IE 158688 A 19880526; JP 13002688 A 19880527; KR 880006239 A 19880527; MX 1168188 A 19880527; NZ 22479988 A 19880526; PH 36964 A 19880524; TR 36188 A 19880527