

Title (en)
Cleaning and bleaching compositions.

Title (de)
Reinigungs- und Bleichmittelzusammensetzungen.

Title (fr)
Compositions de nettoyage et de blanchiment.

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Abstract (en)
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.

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Citation (search report)
• [AD] EP 0497337 A2 19920805 - HOECHST AG [DE]
• [A] EP 0386566 A1 19900912 - HENKEL KGAA [DE]
• [A] DE 3729535 A1 19880310 - COLGATE PALMOLIVE CO [US]
• [A] EP 0265041 A2 19880427 - CLOROX CO [US]
• [A] WO 9006986 A1 19900628 - HENKEL KGAA [DE]
• [A] WO 9109103 A1 19910627 - PROCTER & GAMBLE [US]

Cited by
EP0779357A1; EP0735133A1; EP0686691A1; EP0751210A1; US5713962A; CN1049402C; US5902354A; US5880079A; US5916865A;
EP0826770A3; US5879409A; US5879584A; US5409632A; US6080712A; EP1010749A3; US6613726B1; US8969283B2; WO201108809A1;
WO2012138423A1; WO2012112828A1; WO9938482A1; WO9722407A1; WO9616148A1; EP0687726B1; EP0629693B1; EP0598693B1;
EP0752376A1

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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

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JP 51213494 A 19931029; RU 95113166 A 19931029; US 9310432 W 19931029