

Title (en)

Non-aqueous liquid detergent compositions.

Title (de)

Nichtwässrige flüssige Waschmittelzusammensetzungen.

Title (fr)

Compositions détergentes liquides non aqueuses.

Publication

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Application

EP 93870200 A 19931013

Priority

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- EP 92870164 A 19921013
- EP 92870182 A 19921106

Abstract (en)

The present invention is a non-aqueous detergent composition comprising a surfactant comprising 2 vicinal hydroxyl groups selected from poly hydroxy fatty acid amides, alkyl mono and di(alkoxy) glyceryl ethers, alkane 1,2-diols, alkyl glycerates and N-alkyl-lactobionamides, and a boron comprising compound. The molar ratio of said surfactant to said boron comprising compound are equal to or lower than 2:1.

IPC 1-7

C11D 17/00; **C11D 1/52**; **C11D 1/72**; **C11D 1/68**; **C11D 1/66**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] WO 9206159 A1 19920416 - PROCTER & GAMBLE [US]
- [A] WO 9206160 A1 19920416 - PROCTER & GAMBLE [US]
- [PA] WO 9301267 A1 19930121 - PROCTER & GAMBLE [US]
- [A] EP 0385526 A2 19900905 - UNILEVER NV [NL], et al
- [PA] EP 0550278 A1 19930707 - UNILEVER PLC [GB], et al
- [A] EP 0491531 A1 19920624 - UNILEVER PLC [GB], et al
- [PA] EP 0553608 A1 19930804 - PROCTER & GAMBLE [US]

Cited by

EP0709450A1; WO9700936A1; WO2024088522A1; WO9702335A1

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