

Title (en)
Dishwashing composition

Title (de)
Geschirrspülzusammensetzung

Title (fr)
Composition pour lavage de vaisselle

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Application
EP 07122629 A 20071207

Priority

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Abstract (en)

The present invention relates to cleaning compositions, to their preparation, to cleaning methods and to processes for enhancing the retention of cleaning agents into carriers. More specifically, the invention relates to cleaning compositions for use in hand dishwashing. It is an object to provide a cleaning composition with enhanced retention of its cleaning agents (surfactants) in a carrier when being diluted. It has now been found that an improved and economical dilution thickening system may be obtained by a dilution-thickening surfactant system.

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Citation (applicant)

- US 5922664 A 19990713 - CAO HOAI-CHAU [BE], et al
- EP 0314232 A2 19890503 - UNILEVER NV [NL], et al
- WO 9632464 A1 19961017 - UNILEVER PLC [GB], et al
- WO 2007028446 A1 20070315 - UNILEVER NV [NL], et al
- SCHWARTZ; PERRY: "Surface Active Agents", INTERSCIENCE, vol. 1, 1949
- SCHWARTZ; PERRY; BERCH: "Interscience", vol. 2, 1958, MANUFACTURING CONFECTIONERS COMPANY, article "McCutcheon's Emulsifiers and Detergents"
- H. STACHE: "Tenside-Taschenbuch", 1981, CARL HAUSER VERLAG

Citation (search report)

- [X] WO 9303129 A1 19930218 - UNILEVER PLC [GB], et al
- [X] WO 9506108 A1 19950302 - PROCTER & GAMBLE [US]
- [X] WO 9855572 A1 19981210 - COLGATE PALMOLIVE CO [US]
- [X] EP 0181212 A1 19860514 - PROCTER & GAMBLE [US], et al
- [PX] US 2007238631 A1 20071011 - GAMBOGI JOAN E [US], et al
- [A] WO 0185896 A1 20011115 - HENKEL KGAA [DE], et al
- [A] WO 9416680 A1 19940804 - UNILEVER PLC [GB], et al

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