

Title (en)

Machine dishwashing detergent compositions.

Title (de)

Waschmittelzusammensetzungen für Geschirrspülmaschinen.

Title (fr)

Compositions détergentes pour le lavage en machine de la vaisselle.

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Application

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Abstract (en)

The present invention relates to a machine dishwashing composition comprising from 1% to 80% by weight of detergent builder compound oxygen-releasing bleaching agent from 0.05% to 2.5% by weight, preferably 0.1% to 1% by weight of paraffin oil, nitrogen-containing corrosion inhibitor compound. Most preferably the oxygen-releasing bleaching agent is incorporated such that the level of available oxygen measured according to the method herein is from 0.3 to 1.7, preferably 0.5 to 1.2

IPC 1-7

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Citation (search report)

- [A] EP 0541475 A1 19930512 - VIKING INDUSTRIES [AU]
- [A] FR 2304667 A1 19761015 - BENCKISER GMBH JOH A [DE]
- [A] CH 673033 A5 19900131 - COSMINA AG
- [DA] GB 1230582 A 19710505
- [A] FR 1209904 A 19600304 - UNILEVER NV
- [DA] GB 1180437 A 19700204 - GEIGY UK LTD
- [A] EP 0337523 A1 19891018 - UNILEVER NV [NL], et al
- [A] WO 9209680 A1 19920611 - PROCTER & GAMBLE [US]
- [A] WO 9206163 A1 19920416 - PROCTER & GAMBLE [US]
- [DA] EP 0186088 A2 19860702 - HENKEL KGAA [DE]
- [DA] EP 0150387 A1 19850807 - HENKEL KGAA [DE]
- [A] FR 2548684 A1 19850111 - CHARBONNAGES STE CHIMIQUE [FR]
- [A] WO 9206166 A1 19920416 - HENKEL KGAA [DE]
- [A] EP 0135226 A2 19850327 - UNILEVER NV [NL], et al

Cited by

US7435714B2; EP0682105A3; DE10061414A1; EP0872543A3; EP0826768A1; US5972040A; DE10061415A1; EP0736085A4; RU2471848C2; US7718592B2; US7588697B2; US6194368B1; US8338341B2; US8501670B2; US9150779B2; WO2009050191A3; WO2005014768A1; WO9703177A1

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