

Title (en)

Dishwashing compositions for dishwasher

Title (de)

Maschinengeschirrspülmittel

Title (fr)

Composition pour le lavage en machine à laver la vaisselle

Publication

**EP 0414197 B1 19971210 (DE)**

Application

**EP 90115943 A 19900820**

Priority

- DE 3927714 A 19890822
- DE 3939494 A 19891129

Abstract (en)

[origin: EP0414197A2] The invention relates to a mildly alkaline dishwashing composition which a) contains at least 25% by weight of a combination of sodium carbonate and sodium bicarbonate; b) is free of metasilicates; c) is free of chlorine bleaches and d) has a mildly alkaline pH of less than 10.5 in 1% strength aqueous solution. n

IPC 1-7

**C11D 3/10**; **C11D 3/06**; **C11D 3/39**; **C11D 3/386**; **C11D 3/08**; **C11D 3/20**; **C11D 3/37**; **C11D 1/66**

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CPC (source: EP)

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Citation (examination)

- JP H01146998 A 19890608 - MATSUSHITA ELECTRIC IND CO LTD
- Nr. 169704s, Columbus, Ohio, US; & SU - A - 1346668 (V.A. BANOVA et al.) 23.10. 1987

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EP2117993A4; US5786314A; US5786315A; EP0815192A4; EP0504091A1; US5597789A; CN113874485A; WO9407981A1; EP2428572A2; US9040278B2; US8507243B2; US9040279B2; WO9318129A1; WO9512653A1; WO2011049945A2; EP0662117B1

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