

Title (en)
DETERGENT COMPOSITION AND PROCESS FOR ITS PRODUCTION

Publication
EP 0029299 B1 19831116 (EN)

Application
EP 80303673 A 19801017

Priority
GB 7936351 A 19791019

Abstract (en)
[origin: EP0029299A1] A detergent composition, particularly for fabric washing or dishwashing, contains a detergent active compound, an orthophosphate builder and an alkalimetal bicarbonate to reduce the initial pH. The bicarbonate is in particulate form with a preferred particle size of 50 to 500 microns. A typical composition contains 5 to 30% detergent active, 10 to 30% of a mixture of tripolyphosphate and orthophosphate in a ratio of 10:1 to 1:5 and 2 to 15% bicarbonate. Preferably the compositions also include an alkalimetal silicate in similar amounts to the bicarbonate. In use the composition gives an initial pH below 11.0 and a final pH between 9.0 and 11.0.

IPC 1-7
C11D 3/06; **C11D 3/10**; **C11D 11/02**

IPC 8 full level
C11D 3/06 (2006.01); **C11D 3/08** (2006.01); **C11D 3/10** (2006.01); **C11D 11/02** (2006.01)

CPC (source: EP)
C11D 3/08 (2013.01); **C11D 3/10** (2013.01)

Citation (examination)

- GB 1412401 A 19751105 - UNILEVER LTD
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FR2613736A1

Designated contracting state (EPC)
AT BE CH DE FR IT LI NL SE

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EP 0029299 A1 19810527; **EP 0029299 B1 19831116**; AT E5329 T1 19831215; AU 543358 B2 19850418; AU 6329980 A 19810430; BR 8006644 A 19810422; CA 1132878 A 19821005; DE 3065627 D1 19831222; ES 496053 A0 19820801; ES 8205854 A1 19820801; GR 70220 B 19820831; JP H0228637 B2 19900625; JP S5665099 A 19810602; PT 71934 A 19801101; PT 71934 B 19820331; ZA 806368 B 19820526

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