

Title (en)
DETERGENT ADDITIVES AND DETERGENT COMPOSITIONS CONTAINING THEM

Publication
EP 0070190 B1 19851204 (EN)

Application
EP 82303674 A 19820713

Priority
GB 8121837 A 19810715

Abstract (en)
[origin: EP0070192A1] A ternary builder system for detergent compositions comprises 25 to 97% by weight of an aluminosilicate cation-exchange material such as Zeolite A and 3 to 75% by weight, in total, of (i) a soap containing at least 60% by weight of saturated material, and (ii) nitrilotriacetic acid or a water-soluble salt thereof, at a (i):(ii) ratio of 10:1 to 1:10, the proportion of soap in the ternary mix being at least 12%. The builder mix is advantageously used in detergent compositions containing less than 10% inorganic phosphate, and gives good results in zero-phosphate compositions.

IPC 1-7
C11D 3/12

IPC 8 full level
C11D 3/12 (2006.01); **C11D 3/20** (2006.01); **C11D 3/33** (2006.01); **C11D 3/34** (2006.01)

CPC (source: EP)
C11D 3/128 (2013.01); **C11D 3/2075** (2013.01); **C11D 3/33** (2013.01)

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EP 0070192 A1 19830119; EP 0070192 B1 19850911; EP 0070192 B2 19900117; AT E15499 T1 19850915; AT E16818 T1 19851215; AU 554225 B2 19860814; AU 8598482 A 19830120; AU 8598582 A 19830120; BR 8204091 A 19830705; BR 8204092 A 19830705; CA 1191068 A 19850730; CA 1197156 A 19851126; DE 3266194 D1 19851017; DE 3267784 D1 19860116; DK 314782 A 19830116; DK 314982 A 19830116; EP 0070190 A1 19830119; EP 0070190 B1 19851204; JP H045720 B2 19920203; JP S5823896 A 19830212; JP S5823897 A 19830212; JP S6116315 B2 19860430; NO 822433 L 19830117; NO 822434 L 19830117; NZ 201212 A 19850816; NZ 201213 A 19850731; ZA 825005 B 19840229; ZA 825006 B 19840229

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