

Title (en)

Detergent additives and detergent compositions containing them.

Title (de)

Detergenezusätze und diese enthaltende Detergenezusammensetzungen.

Title (fr)

Additifs de détergents et compositions détergentes les contenant.

Publication

EP 0070191 A1 19830119 (EN)

Application

EP 82303675 A 19820713

Priority

GB 8121754 A 19810715

Abstract (en)

A detergent composition contains as builder a combination of an aluminosilicate cation-exchange material, for example, Zeolite A, with an organic precipitant builder having the formula I <CHEM> wherein: R1 is C10-C24 alkyl or alkenyl, or an arylalkyl or alkylaryl group of equivalent chain length; X is CH, CR2, N or CON; R2 is C1-C3 alkyl; Y is hydrogen or a solubilising cation: n and m, which may be the same or different, are O or integers from 1 to 4; and Z is COOY or SO3Y. Preferred organic precipitant builders are the alkyl or alkenyl malonates and succinates. The inorganic phosphate content is desirably less than 10% by weight, and zerophosphate compositions are preferred.

IPC 1-7

C11D 3/12

IPC 8 full level

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CPC (source: EP)

C11D 3/128 (2013.01); **C11D 3/2075** (2013.01); **C11D 3/33** (2013.01)

Citation (search report)

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- [Y] DE 2525778 A1 19760102 - PROCTER & GAMBLE
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