

Title (en)  
DETERGENT ADDITIVES AND DETERGENT COMPOSITIONS CONTAINING THEM

Publication  
**EP 0070192 B2 19900117 (EN)**

Application  
**EP 82303676 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 3/205** (2013.01); **C11D 3/33** (2013.01)

Cited by  
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