

Title (en)

Improved phosphate-free detergent bleach compositions.

Title (de)

Phosphatfreie Bleichmittel.

Title (fr)

Composition de blanchiment sans phosphates.

Publication

EP 0319053 A2 19890607 (EN)

Application

EP 88202354 A 19881021

Priority

GB 8728232 A 19871202

Abstract (en)

Improved phosphate-free aluminosilicate built detergent bleach compositions having improved cleaning and stain-removal properties are disclosed. The compositions comprise at least one detergent-active material, from 20-35% water-insoluble aluminosilicate cation-exchange material, 2-5% by weight of an alkali metal nitrilotriacetate and 1-15% by weight of an organic solid peroxyacid compound. The compositions are usable and effective for washing at temperatures of 40 DEG C and below.

IPC 1-7

C11D 3/12; C11D 3/33; C11D 3/395

IPC 8 full level

C11D 3/12 (2006.01); **C11D 3/33** (2006.01); **C11D 3/39** (2006.01)

CPC (source: EP KR)

C11D 3/08 (2013.01 - KR); **C11D 3/128** (2013.01 - EP); **C11D 3/33** (2013.01 - EP); **C11D 3/3945** (2013.01 - EP)

Cited by

EP0520582A1; US5498342A; EP0572288A1; FR2691715A1; US5700294A; WO02099027A3; WO9413773A1

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