

Title (en)

Aluminosilicate built detergent bleach compositions.

Title (de)

Bleichmittel enthaltend Aluminosilikate als Gerüststoff.

Title (fr)

Compositions de blanchiment contenant des silicates d'aluminium comme agent de renforcement.

Publication

**EP 0319054 A2 19890607 (EN)**

Application

**EP 88202355 A 19881021**

Priority

GB 8728386 A 19871204

Abstract (en)

A phosphate-free aluminosilicate built detergent bleach composition having really effective cleaning and stain removal performances at lower wash temperatures of 40 DEG C and below, which composition comprises at least one detergent-active material, from 15% to about 40% by weight of a water-insoluble aluminosilicate cation exchange material, from 0.5% to about 3% by weight of a polyphosphonate compound, from 5% to about 35% by weight of an inorganic peroxide compound and from about 1% to about 10% by weight of a peroxybenzoic acid bleach precursor having the formula: <CHEM> wherein X is H, NO<sub>2</sub>, C<sub>1</sub>-C<sub>4</sub> straight or branched chain alkyl, Cl or Br; and Y is H, CO<sub>2</sub><->M<+>, SO<sub>3</sub>-M<+> SO<sub>4</sub><->M<+>, NO<sub>2</sub>, Cl or Br; M being a water-soluble cation.

IPC 1-7

**C11D 3/12**; **C11D 3/36**; **C11D 3/39**; **C11D 3/395**

IPC 8 full level

**C11D 3/12** (2006.01); **C11D 3/36** (2006.01); **C11D 3/39** (2006.01); **C11D 3/60** (2006.01)

CPC (source: EP KR)

**C11D 3/08** (2013.01 - KR); **C11D 3/128** (2013.01 - EP); **C11D 3/364** (2013.01 - EP); **C11D 3/391** (2013.01 - EP); **C11D 3/3915** (2013.01 - EP); **C11D 3/3917** (2013.01 - EP)

Cited by

EP0337535A3

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0319054 A2 19890607**; **EP 0319054 A3 19900718**; AU 2459788 A 19890608; AU 604985 B2 19910103; BR 8805817 A 19890801; GB 8728386 D0 19880113; JP H01188596 A 19890727; KR 900008027 A 19900602; KR 920004719 B1 19920615; NO 884760 D0 19881026; NO 884760 L 19890605

DOCDB simple family (application)

**EP 88202355 A 19881021**; AU 2459788 A 19881102; BR 8805817 A 19881108; GB 8728386 A 19871204; JP 30586688 A 19881202; KR 880015542 A 19881125; NO 884760 A 19881026