

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, NO₂, C₁-C₄ straight or branched chain alkyl, Cl or Br; and Y is H, CO₂<->M<+>, SO₃-M<+> SO₄<->M<+>, NO₂, 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