

Title (en)

Detergent compositions.

Title (de)

Reinigungsmittelzusammensetzungen.

Title (fr)

Compositions détergentes.

Publication

**EP 0009953 A1 19800416 (EN)**

Application

**EP 79302058 A 19791001**

Priority

GB 7839073 A 19781003

Abstract (en)

Particulate fabric washing detergent compositions are made with mixed phosphate detergency builders which comprise at least 5% of discrete particles of a water-soluble alkali metal polymer phosphate and at least 2% of an alkali metal orthophosphate in the ratio of 10:1 to 1:5 parts by weight, the total amount of these phosphates being from 10% to 40% of the composition and not more than 10% of other phosphate builders being present. The compositions are conveniently made by spray-drying a base powder and then admixing the polymer phosphate in discrete particle form with the base powder.

IPC 1-7

**C11D 3/06; C11D 11/02**

IPC 8 full level

**C11D 3/06 (2006.01); C11D 11/00 (2006.01); C11D 11/02 (2006.01)**

CPC (source: EP)

**C11D 3/06 (2013.01); C11D 11/02 (2013.01)**

Citation (search report)

- FR 2322198 A1 19770325 - UNILEVER NV [NL]
- DE 2816770 A1 19781026 - PROCTER & GAMBLE
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- DE 1972434 B

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EP0048435A1; EP0139547A1; FR2552446A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT NL SE

DOCDB simple family (publication)

**EP 0009953 A1 19800416; EP 0009953 B1 19830413; AT E3056 T1 19830415; AU 5136179 A 19800417; AU 533317 B2 19831117; BR 7906347 A 19800527; CA 1128401 A 19820727; DE 2965209 D1 19830519; ES 484666 A1 19800901; JP S5550096 A 19800411; JP S6131751 B2 19860722; ZA 795231 B 19810527**

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**EP 79302058 A 19791001; AT 79302058 T 19791001; AU 5136179 A 19791002; BR 7906347 A 19791002; CA 336796 A 19791002; DE 2965209 T 19791001; ES 484666 A 19791002; JP 12783679 A 19791003; ZA 795231 A 19791002**