

Title (en)

Low phosphate laundry detergent compositions.

Title (de)

Wäschereinigungsmittelzusammensetzungen mit niedrigem Phosphatgehalt.

Title (fr)

Compositions détergentes pour le linge à faible teneur en phosphate.

Publication

**EP 0004121 A1 19790919 (EN)**

Application

**EP 79200120 A 19790310**

Priority

- US 88593178 A 19780313
- US 94341978 A 19780918
- US 94918278 A 19781006
- US 96282278 A 19781122

Abstract (en)

Laundry detergent compositions containing specific alcohol ethoxylate nonionic surfactants together with selected di-long chain cationic surfactants, within a narrow range of nonionic:cationic ratios, and which are either free of phosphate materials and preferably polyethylene glycol di-esters, or contain only low levels of such materials, are disclosed. These compositions are unusually effective in removing particulate soils from fabric and, additionally, provide fabric softening, static control, color fidelity, and dye transfer inhibition benefits to fabrics laundered therewith. A process for laundering fabrics, using these compositions, is also disclosed.

IPC 1-7

**C11D 1/835**; **C11D 1/62**; **C11D 1/68**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- EP 0000416 A1 19790124 - PROCTER & GAMBLE [US]
- EP 0000595 A1 19790207 - PROCTER & GAMBLE [US]
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