

Title (en)

Low-phosphate detergent composition for fabric washing.

Title (de)

Waschmittel mit niedrigem Phosphatgehalt zum Waschen von Geweben.

Title (fr)

Composition détergente à faible teneur en phosphates pour le lavage des tissus.

Publication

**EP 0000235 A1 19790110 (EN)**

Application

**EP 78200065 A 19780628**

Priority

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- US 85218777 A 19771116
- US 88446678 A 19780307

Abstract (en)

Laundry detergent compositions containing no phosphate or low levels of phosphate materials and specific mixtures of selected nonionic surfactants and selected cationic surfactants are disclosed. The nonionic/cationic surfactant mixtures are formulated to have "cloud point" characteristics and, preferably, reduced cationic monomer concentrations as defined herein. These compositions are unusually effective in removing greasy and oily soils and body soils from fabrics; they are also effective in the removal of particulate soils. A process is disclosed for laundering fabrics using compositions containing nonionic surfactants and cationic surfactants.

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**C11D 1/835**

IPC 8 full level

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**C11D 1/60** (2013.01); **C11D 1/62** (2013.01); **C11D 1/72** (2013.01); **C11D 1/835** (2013.01)

Citation (search report)

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