

Title (en)

Liquid cleaning compositions containing water-soluble polymer.

Title (de)

Ein wasserlösliches Polymer enthaltende flüssige Reinigungsmittelzusammensetzung.

Title (fr)

Composition liquide de détergent comprenant un polymère soluble dans l'eau.

Publication

EP 0442191 A1 19910821 (EN)

Application

EP 90308404 A 19900731

Priority

US 48107890 A 19900216

Abstract (en)

The present invention is concerned with alkaline, cleaning concentrates, and cleaning solutions, comprising (i) alkali metal hydroxide, (ii) active chlorine source, (iii) water-soluble copolymer comprising monomer units of monoethylenically unsaturated dicarboxylic acid and at least one comonomer selected from monoethylenically unsaturated monocarboxylic acids and carboxyl-free monoethylenically unsaturated monomers, and, optionally, (iv) alkali metal silicate. These cleaning concentrates/solutions are useful for the cleaning of food soils, and more specifically are useful for the removal of milk soils from cold and hot surfaces without the use of phosphate builders.

IPC 1-7

C11D 3/37

IPC 8 full level

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Citation (search report)

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- [AP] EP 0368214 A2 19900516 - BASF AG [DE]
- [A] EP 0215251 A2 19870325 - BASF AG [DE]
- [AD] US 4579676 A 19860401 - BULL SANDRA L [US]

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DOCDB simple family (application)

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