

Title (en)

Solid washing composition containing at least one biodegradable and non-hygroscopic polycarboxylic polymer.

Title (de)

Mindestens ein biologisch abbaubares und nicht-hygroskopisches Polycarbonsäurepolymer enthaltende feste Reinigungszusammensetzung.

Title (fr)

Composition détergente solide contenant au moins un polymère polycarboxylique biodégradable et non hygroscopique.

Publication

**EP 0609121 A1 19940803 (FR)**

Application

**EP 94400134 A 19940124**

Priority

FR 9300776 A 19930127

Abstract (en)

The present invention relates to a solid detergent composition containing at least one biodegradable polycarboxylic (polycarboxyl) polymer, characterised in that the said polymer is present therein either: - partially or completely in the form of one of its non-water-soluble inorganic salts or - in the form of a mixed water-soluble/non-water-soluble salt, the said corresponding polycarboxylic polymer possessing a substantially non-hygroscopic nature compatible with prolonged storage in the said detergent formulation. The present invention also relates to the uses of the said composition.

Abstract (fr)

La présente invention concerne une composition détergente solide contenant au moins un polymère poly-carboxylique biodégradable caractérisée en ce que ledit polymère y est présent soit: partiellement ou complètement sous la forme d'un de ses sels minéraux non hydrosoluble ou, sous la forme d'un sel mixte hydrosoluble / non hydrosoluble ledit polymère polycarboxylique correspondant possédant un caractère sensiblement non hygroscopique, compatible avec un stockage prolongé au sein de ladite formulation détergente. La présente invention se rapporte également aux utilisations de ladite composition.

IPC 1-7

**C11D 3/37**

IPC 8 full level

**C11D 3/22** (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP US)

**C11D 3/223** (2013.01 - EP US); **C11D 3/3707** (2013.01 - EP US); **C11D 3/3715** (2013.01 - EP US); **C11D 3/3719** (2013.01 - EP US); **C11D 3/3723** (2013.01 - EP US)

Citation (search report)

- [Y] EP 0511037 A1 19921028 - RHONE POULENC CHIMIE [FR]
- [Y] EP 0454126 A1 19911030 - MONTEDIPE SRL [IT]

Cited by

FR2774311A1; US6465414B1; WO9704063A1; WO9938611A1

Designated contracting state (EPC)

AT BE DE ES FR GB IT NL PT SE

DOCDB simple family (publication)

**EP 0609121 A1 19940803**; **EP 0609121 B1 20000920**; AT E196499 T1 20001015; AU 5399294 A 19940804; AU 668001 B2 19960418; BR 9400369 A 19940816; CA 2114382 A1 19940728; CA 2114382 C 20010703; DE 69425915 D1 20001026; DE 69425915 T2 20010419; ES 2152296 T3 20010201; FR 2700775 A1 19940729; FR 2700775 B1 19950310; JP 2594882 B2 19970326; JP H0748596 A 19950221; NZ 250756 A 19960326; PT 609121 E 20010330; US 5520842 A 19960528

DOCDB simple family (application)

**EP 94400134 A 19940124**; AT 94400134 T 19940124; AU 5399294 A 19940125; BR 9400369 A 19940127; CA 2114382 A 19940127; DE 69425915 T 19940124; ES 94400134 T 19940124; FR 9300776 A 19930127; JP 2357094 A 19940127; NZ 25075694 A 19940126; PT 94400134 T 19940124; US 18706394 A 19940127