

Title (en)

Detergent containing nonionic/cationic surfactant and builder mixture.

Title (de)

Waschmittelzusammensetzung, die ein nicht-ionisches/kationisches Tensid-Gemisch und ein Builder-Gemisch enthält.

Title (fr)

Composition détergente contenant un mélange non-ionique et cationique d'agents tensioactifs et un mélange d'agents renforçateurs.

Publication

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Application

EP 80200524 A 19800609

Priority

US 4970479 A 19790618

Abstract (en)

Described are detergent compositions containing a nonionic/cationic surfactant mixture and, as an improved builder mixture, a combination of aluminosilicate and polycarboxylate builder materials. These compositions contain little or no phosphate materials, yet deliver excellent particulate soil removal performance and greasy/oily soil removal benefits, along with fabric softening, static control and other fabric care benefits.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

C11D 1/835 (2013.01); **C11D 3/128** (2013.01); **C11D 3/2075** (2013.01); **C11D 3/33** (2013.01); **C11D 3/37** (2013.01); **C11D 3/3711** (2013.01); **C11D 1/62** (2013.01); **C11D 1/72** (2013.01)

Citation (search report)

- EP 0000234 A1 19790110 - PROCTER & GAMBLE [US]
- EP 0000595 A1 19790207 - PROCTER & GAMBLE [US]
- EP 0000235 A1 19790110 - PROCTER & GAMBLE [US]

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EP0385562A3; EP0502675A3; US4725455A; US4720399A; FR2586425A1; EP0384070A3; FR2565246A1; US5374370A; US5512266A; US4853259A; FR2565243A1; FR2565244A1; CH673192GA3; GB2125814A; WO2011117350A1; WO2011003904A1; US6998380B2; WO9527030A1; WO2011080540A1; WO03087285A1; US9435073B2; US6235704B1; WO2010070088A1; US11441105B2; WO9626257A1; WO9407978A1

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