

Title (en)
ADDITIVE FOR WASHING

Publication
EP 0164703 B1 19900117 (DE)

Application
EP 85107057 A 19850607

Priority
DE 3422055 A 19840614

Abstract (en)
[origin: EP0164703A2] 1. A washing additive comprising a mixture of detergent ingredients and, optionally, auxiliaries encapsulated in organic, flexible, film-forming water-soluble polymers, characterized in that the mixture contains a) 2 to 30 parts by weight of a monionic surfactant ; b) 2 to 50 parts by weight of an antigel agent for the nonionic surfactant ; c) 2 to 30 parts by weight of an activator for per compounds ; d) 0.5 to 10 parts by weight of a nitrogen-containing compound from the group consisting of quaternary ammonium compounds containing a long-chain C10-20 alkyl or alkenyl radical and, for the rest, C1-4 alkyl radicals, adducts of 1 to 6 mol ethylene oxide with 1 mol of a primary fatty amine with a long-chain C10-16 alkyl or alkenyl radical, compounds corresponding to the formula R-NH-CH₂-CH₂-COONa, in which R is an alkyl or alkenyl radical containing 10 to 18 carbon atoms and more especially 14 carbon atoms, and the washing additive is readily soluble in cold water and in cold wash liquors.

IPC 1-7
C11D 1/835; **C11D 3/39**; **C11D 17/04**

IPC 8 full level
C11D 3/00 (2006.01); **C11D 1/835** (2006.01); **C11D 3/39** (2006.01); **C11D 3/395** (2006.01); **C11D 17/04** (2006.01); **C11D 1/10** (2006.01); **C11D 1/44** (2006.01); **C11D 1/62** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP)
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Citation (examination)
EP 0118191 A1 19840912 - PROCTER & GAMBLE [US], et al

Cited by
DE20313248U1; US5800755A; EP0244796A1; EP0223175A3; WO03010266A1; WO0226928A1; WO2006124483A1

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DE

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