

Title (en)
LOW PHOSPHATE LAUNDRY DETERGENT COMPOSITIONS

Publication
EP 0094118 B1 19860903 (EN)

Application
EP 83200604 A 19830428

Priority
US 37687782 A 19820510

Abstract (en)
[origin: EP0094118A1] Detergent compositions with a mixture of a conventional nonionic detergent surfactant, an alkylpolysaccharide detergent surfactant, and a cationic fabric-softening/antistatic compound deposit the cationic material more effectively than prior compositions containing only the conventional nonionic detergent surfactant and the cationic material.

IPC 1-7
C11D 1/62; **C11D 1/835**; **C11D 3/22**

IPC 8 full level
C11D 1/62 (2006.01); **C11D 1/66** (2006.01); **C11D 1/68** (2006.01); **C11D 1/835** (2006.01); **C11D 1/86** (2006.01); **C11D 3/22** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP)
C11D 1/662 (2013.01); **C11D 1/835** (2013.01); **C11D 1/62** (2013.01); **C11D 1/72** (2013.01)

Cited by
US4627925A; EP0246246A4; GB2323375A; GB2323382A; US4622154A; US5330674A; GB2323377A; EP1127975A1; EP0418479A1; US5627144A; US5268126A; GB2323391A; EP0377500A3; US4780234A; US5576284A; US5856290A; EP0439019A1; FR2593516A1; NL8700231A; BE1002958A4; WO2016160407A1; US7998920B2; US7884064B2; US7879790B2; EP0752466A1; WO2017100051A2; WO9303130A1; WO9416677A1; EP0773284A1; US8058223B2; EP0753567A1; WO2016196555A1; WO2015191434A2; US10421930B2; WO2017200737A1; US10781405B2; EP0753569A1; US8124577B2; US9029310B2; EP2277860A1; WO2016111884A2; US10570352B2; EP2258679A2; EP2258817A2; EP2270122A2; US8119588B2; US8129328B2; US8338358B2; WO2009094336A2

Designated contracting state (EPC)
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EP 83200604 A 19830428; AT 83200604 T 19830428; CA 427703 A 19830509; DE 3365810 T 19830428; GR 830171272 A 19830503; IE 106283 A 19830509; JP 8160683 A 19830510