

Title (en)

Detergent composition containing performance additive and copolymeric compatibilizing agent therefor.

Title (de)

Reinigungsmittelzusammensetzung enthaltend einen wirkungsfördernden Zusatz und ein Kopolymer zum Gewährleisten der Verträglichkeit desselben.

Title (fr)

Composition détergente contenant un additif augmentant la performance et un copolymère pour assurer la compatibilité de cet additif.

Publication

EP 0066915 A2 19821215 (EN)

Application

EP 82200602 A 19820517

Priority

GB 8116607 A 19810530

Abstract (en)

Detergent compositions containing surface-active agents, builders, performance additives and a narrowly defined class of carboxylic copolymers are disclosed. Preferred copolymers contain maleic acid and (meth)acrylic acid monomers. Preferred detergent additives are hydrocarbon detergent suds regulants, photoactivators, amine or oxidized amine soil release agents, silicone detergent suds regulants and bleach activators/peracids.

IPC 1-7

C11D 3/37

IPC 8 full level

C11D 3/37 (2006.01)

CPC (source: EP)

C11D 3/3757 (2013.01)

Cited by

GB2177717A; GB2124901A; FR2578855A1; EP0124913A1; EP0322946A3; EP0133566A3; US5928384A; DE3340164A1; US6066612A; US5905065A; EP0286342A3; JPS63165494A; WO9424361A1; WO2014039302A1; WO2020123889A1; WO2012138423A1; WO2016048674A1; US8192552B2; WO2019089228A1; WO2022093189A1; EP2135934A1; WO2011120799A1; WO2019075148A1; WO2012003300A2; WO2021097004A1; WO2012009525A2; WO2019038186A1; WO2019075144A1; WO2018140472A1; EP3881900A1; EP4197598A1; EP0699472A1; US7790664B2; WO2015112671A1; WO2018140454A1; WO2019038187A1; WO2012003319A2; WO2013043852A2; US8680038B2; WO2015148360A1; WO2012112828A1; WO2013043855A2; WO2014160820A1; EP3272849A1; WO2018085315A1; WO2012003367A2; WO2013043857A1; US8821845B2; WO2015130653A1; WO2016049387A1; WO2018224379A1; WO2012003351A2; WO2012003360A2; WO2013002786A1; WO2015187757A1; EP3533908A1; WO2012003316A1; WO2013043805A1; WO2013070559A1; WO2013070560A1; WO2014018309A1; WO2015148361A1; DE112018000563T5; EP3991962A1; EP0693549A1; WO2011088089A1; WO2019075228A1; WO2023017794A1; WO2012009660A2; FR2985273A1; EP3369845A1; EP0778342A1; US7928054B2; EP2495300A1; WO2015116763A1; US9677030B2; WO2018140431A1; DE112018000565T5; EP3719192A1; EP3915643A1; WO9742282A1; WO9625478A1; WO2013043803A2; WO2015088826A1; WO2018085310A1; WO2018085390A1; WO2019075146A1; EP3572572A1; US10494767B2; EP3805350A1; US11293144B2; US11624156B2; US11795622B2; US11970821B2

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0066915 A2 19821215; EP 0066915 A3 19850116; EP 0066915 B1 19871111; AT E30738 T1 19871115; CA 1187373 A 19850521; DE 3277630 D1 19871217

DOCDB simple family (application)

EP 82200602 A 19820517; AT 82200602 T 19820517; CA 403734 A 19820526; DE 3277630 T 19820517