

Title (en)

DETERGENT COMPOSITIONS CONTAINING NONIONIC SURFACTANT GRANULE

Title (de)

WASCHMITTELZUSAMMENSETZUNGEN ENTHALTEND NICHTIONISCHES TENSIDGRANULAT

Title (fr)

COMPOSITIONS DETERGENTES CONTENANT DES GRANULES TENSIOACTIVES NON IONIQUES

Publication

EP 0985016 A1 20000315 (EN)

Application

EP 98930715 A 19980511

Priority

- EP 9802983 W 19980511
- GB 9711353 A 19970530

Abstract (en)

[origin: WO9854281A1] A particulate detergent composition is composed of at least two different granular components, one of which is a nonionic-surfactant-containing granular component characterised in that it comprises more than 55 % by weight of nonionic surfactant, at least 5 % by weight of silica having an oil absorption capacity of at least 1.0 ml/g and, optionally, less than 10 % by weight of aluminosilicate. Preferably, the composition also contains a spray-dried or agglomerated detergent base powder containing surfactant and builder, or a granule containing a high concentration of anionic surfactant, a builder granule, or any combination of these.

IPC 1-7

C11D 3/12; **C11D 17/06**; **C11D 17/00**

IPC 8 full level

C11D 11/00 (2006.01); **C11D 17/00** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP)

C11D 11/0082 (2013.01); **C11D 17/0034** (2013.01); **C11D 17/06** (2013.01)

Citation (search report)

See references of WO 9854281A1

Cited by

CN113728083A; WO2020222996A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

WO 9854281 A1 19981203; AR 015701 A1 20010516; AU 8105598 A 19981230; BR 9809889 A 20000704; CA 2291638 A1 19981203; DE 69802188 D1 20011129; DE 69802188 T2 20020314; EP 0985016 A1 20000315; EP 0985016 B1 20011024; ES 2166168 T3 20020401; GB 9711353 D0 19970730; IN 190311 B 20030712; TR 200000109 T2 20000821; ZA 984217 B 19991119

DOCDB simple family (application)

EP 9802983 W 19980511; AR P980102506 A 19980529; AU 8105598 A 19980511; BR 9809889 A 19980511; CA 2291638 A 19980511; DE 69802188 T 19980511; EP 98930715 A 19980511; ES 98930715 T 19980511; GB 9711353 A 19970530; IN 314BO1998 A 19980520; TR 200000109 T 19980511; ZA 984217 A 19980519