

Title (en)

Low-foaming, silicone-free, aqueous textile auxiliaries, their preparation and their use

Title (de)

Schaumarme, silikonfreie, wässrige Textilhilfsmittel, deren Herstellung und Verwendung

Title (fr)

Adjuvants textiles aqueux, peu moussants et exempts de silicones, leur préparation et leur application

Publication

**EP 0462059 B1 19970702 (DE)**

Application

**EP 91810421 A 19910604**

Priority

- CH 70991 A 19910308
- CH 194590 A 19900611

Abstract (en)

[origin: EP0462059A2] Low-foaming, silicone-free, aqueous textile auxiliaries are described which are characterised in that they comprise (a) a reaction product of a nonionic surfactant of the formula <IMAGE> in which R denotes an aliphatic radical having at least 8 carbon atoms, R1 denotes hydrogen, C1- to C8-alkyl, a cycloaliphatic radical having at least 5 C atoms, lower alkylphenyl or styryl, "Alkylen" denotes an alkylene radical of 2 to 4 carbon atoms and p denotes a number from 2 to 60, with a compound containing an acid water-solubilising group, (b) a nonionic surfactant of the formula (1) and, if desired, (c) a hydrotropic agent. The textile auxiliaries are suitable as dispersants and for the wetting and/or washing of fibre materials.

IPC 1-7

**C11D 3/37**; **C11D 3/39**; **D06L 3/02**

IPC 8 full level

**B01F 17/02** (2006.01); **B01F 17/42** (2006.01); **C09K 23/02** (2022.01); **C09K 23/42** (2022.01); **C11D 1/72** (2006.01); **C11D 1/74** (2006.01); **C11D 1/83** (2006.01); **C11D 3/37** (2006.01); **C11D 3/39** (2006.01); **D06L 1/12** (2006.01); **D06L 1/14** (2006.01); **D06L 3/00** (2006.01); **D06L 3/02** (2006.01); **D06L 4/12** (2017.01); **D06M 13/02** (2006.01); **D06M 13/165** (2006.01); **D06M 13/17** (2006.01); **D06M 13/244** (2006.01); **D06M 13/248** (2006.01); **D06M 13/262** (2006.01); **D06M 15/53** (2006.01); **C11D 1/06** (2006.01); **C11D 1/29** (2006.01); **C11D 1/722** (2006.01)

CPC (source: EP KR US)

**C11D 1/83** (2013.01 - EP US); **C11D 3/0026** (2013.01 - EP US); **C11D 3/3788** (2013.01 - EP US); **C11D 3/394** (2013.01 - EP US); **D06L 1/14** (2013.01 - EP US); **D06L 4/12** (2016.12 - EP US); **D06M 15/19** (2013.01 - KR); **D06M 15/53** (2013.01 - EP US); **C11D 1/06** (2013.01 - EP US); **C11D 1/29** (2013.01 - EP US); **C11D 1/72** (2013.01 - EP US); **C11D 1/721** (2013.01 - EP US); **C11D 1/722** (2013.01 - EP US); **Y10T 428/8305** (2015.04 - EP US)

Cited by

EP0638635A1; EP0744459A1; CN1079426C; WO9851852A1; WO9505441A1

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

**EP 0462059 A2 19911218**; **EP 0462059 A3 19920311**; **EP 0462059 B1 19970702**; DE 59108759 D1 19970807; ES 2106068 T3 19971101; JP 2872447 B2 19990317; JP H0544161 A 19930223; KR 100221114 B1 19990915; KR 920001026 A 19920129; US 5456847 A 19951010

DOCDB simple family (application)

**EP 91810421 A 19910604**; DE 59108759 T 19910604; ES 91810421 T 19910604; JP 13807391 A 19910611; KR 910009488 A 19910610; US 17188793 A 19931222