

Title (en)

Solid detergent compositions and the production and use thereof

Title (de)

Feste Tensidzusammensetzungen, deren Herstellung und Verwendung

Title (fr)

Compositions solides de détergents, leur procédé de préparation et leur utilisation

Publication

EP 1253193 A2 20021030 (DE)

Application

EP 02008533 A 20020416

Priority

DE 10120263 A 20010425

Abstract (en)

Solid surfactant mixtures (I) with a core containing non-ionic surfactant(s) and a shell containing, as shell substance (II), anionic surfactant(s) or non-ionic surfactant(s) other than those in the core or zwitterionic surfactant(s) or a mixture of at least two of these. Independent claims are also included for the following: (1) Production of (I) by depositing a shell substance (II) from an aqueous solution or a melt onto a solid core of non-ionic surfactant as above, with evaporation of water. (2) Detergents containing (I).

Abstract (de)

Vorgeschlagen werden Tensidgemische in fester Form, die einen Kern und eine Hülle aufweisen, wobei der Kern mindestens ein nichtionisches Tensid enthält.

IPC 1-7

C11D 17/00; C11D 11/00; C11D 1/825; C11D 1/83; C11D 1/94

IPC 8 full level

C11D 1/83 (2006.01); **C11D 1/94** (2006.01); **C11D 17/00** (2006.01); **C11D 1/02** (2006.01); **C11D 1/72** (2006.01); **C11D 1/74** (2006.01);
C11D 1/90 (2006.01)

CPC (source: EP US)

C11D 1/83 (2013.01 - EP US); **C11D 1/94** (2013.01 - EP US); **C11D 17/0039** (2013.01 - EP US); **C11D 17/0073** (2013.01 - EP US);
C11D 1/02 (2013.01 - EP US); **C11D 1/72** (2013.01 - EP US); **C11D 1/74** (2013.01 - EP US); **C11D 1/90** (2013.01 - EP US)

Cited by

EP1359213B1

Designated contracting state (EPC)

DE ES FR GB IT NL

DOCDB simple family (publication)

EP 1253193 A2 20021030; EP 1253193 A3 20030507; DE 10120263 A1 20021031; US 2002198133 A1 20021226

DOCDB simple family (application)

EP 02008533 A 20020416; DE 10120263 A 20010425; US 12874902 A 20020423