

Title (en)
Solid tensides in granular form

Title (de)
Feste Tenside in granularer Form

Title (fr)
Tensioactifs solides sous form granulaire

Publication
EP 1870447 B1 20190123 (DE)

Application
EP 07011734 A 20070615

Priority
DE 102006029007 A 20060624

Abstract (en)
[origin: EP1870447A1] Solid granulate composition (A) comprises at least a surfactant, where (A), after sieve analysis with a sieve, exhibits a grain size distribution accordance to DIN ISO 3310-1 and the grain size distribution is determined graphically by remote relay switch block-chart according to DIN 66145 and the following data such as d m value of 0.5-1.5 mm; d 63.3 value of 0.5-1.5 mm and n value of 1-10, should be fulfilled. Independent claims are included for: (1) a solid cleanser comprising (A); and (2) the preparation of solid detergent and cleanser comprising a scaffolding material, bleaching agent, complexing agent and additive, and subsequently adding the premixture to (A).

IPC 8 full level
C11D 17/06 (2006.01); **C11D 1/72** (2006.01); **C11D 1/722** (2006.01)

CPC (source: EP US)
C11D 1/662 (2013.01 - EP US); **C11D 1/72** (2013.01 - EP US); **C11D 1/722** (2013.01 - EP US); **C11D 17/06** (2013.01 - EP US)

Cited by
EP2963102A2

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 1870447 A1 20071226; **EP 1870447 B1 20190123**; DE 102006029007 A1 20080103; ES 2720860 T3 20190725;
US 2008076694 A1 20080327

DOCDB simple family (application)
EP 07011734 A 20070615; DE 102006029007 A 20060624; ES 07011734 T 20070615; US 82095107 A 20070621