

Title (en)  
DETERGENT GRANULE

Title (de)  
WASCHMITTELGRANULAT

Title (fr)  
GRANULÉ DÉTERGENT

Publication  
**EP 3790950 B1 20231101 (EN)**

Application  
**EP 18917802 A 20180510**

Priority  
CN 2018086291 W 20180510

Abstract (en)  
[origin: WO2019213890A1] A detergent granule is characterized by a Medium Particle Size ranging from 200 µm to 1000 µm and an aspect ratio of no more than 2, and contains from 85 wt% to 95 wt% of an alkyl sulfate (AS) having a branched or linear unalkoxylated C6-C16 alkyl group and from 4 wt% to 14 wt% of a water-soluble salt, with a water or moisture content of from 1 wt% to 5 wt%.

IPC 8 full level  
**C11D 1/12** (2006.01); **C11D 1/14** (2006.01); **C11D 1/22** (2006.01); **C11D 3/04** (2006.01); **C11D 3/08** (2006.01); **C11D 3/10** (2006.01); **C11D 9/00** (2006.01); **C11D 11/00** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP)  
**C11D 1/146** (2013.01); **C11D 3/046** (2013.01); **C11D 3/08** (2013.01); **C11D 3/10** (2013.01); **C11D 17/06** (2013.01); **C11D 2111/12** (2024.01)

Citation (examination)

- WO 2013054624 A1 20130418 - KAO CORP [JP], et al
- US 6015784 A 20000118 - KAZUTA TAKASHI [JP], et al
- US 2004058843 A1 20040325 - DEL NUNZIO MARIO JOVELINO [BR], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2019213890 A1 20191114**; CN 112041417 A 20201204; CN 112041417 B 20220729; EP 3790950 A1 20210317; EP 3790950 B1 20231101; MX 2020011976 A 20210115

DOCDB simple family (application)  
**CN 2018086291 W 20180510**; CN 201880092648 A 20180510; EP 18917802 A 20180510; MX 2020011976 A 20180510