

Title (en)
METHOD FOR PRODUCING DETERGENT OR CLEANING PRODUCTS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON WASCH-ODER REINIGUNGSMITTELN

Title (fr)
PROCEDE POUR PRODUIRE DES PRODUITS DETERGENTS OU NETTOYANTS

Publication
EP 1740690 B2 20160706 (DE)

Application
EP 05733100 A 20050420

Priority
• EP 2005004198 W 20050420
• DE 102004020720 A 20040428

Abstract (en)
[origin: WO2005105975A1] The invention concerns detergent or cleaning products comprising at least one detergent or cleaning moulded body and at least one water-soluble or water-dispersible film-like material, and are characterized in that the detergent or cleaning moulded body and the film-like material are assembled together by adhesion through a heat-seal. The inventive products are characterized by the stable seals and are suitable for combined preparation of solid and liquid or flowable detergent or cleaning compositions in separate areas of a compact metering unit.

IPC 8 full level
C11D 17/04 (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP US)
C11D 17/0073 (2013.01 - EP US); **C11D 17/044** (2013.01 - EP US)

Cited by
WO2015195960A1; WO2020086935A1; WO2017091533A1; WO2013096653A1; WO2023114942A1; US10844324B2; WO2021080948A2; WO2020028443A1; WO2024129953A1; WO2024129951A1; WO2015138283A1; WO2016106011A1; WO2016160738A2; WO2019118674A1; WO2024081773A1; WO2018184004A1; WO2020077331A2; WO2021092228A1; US11608388B2; WO2014099525A1; WO2022235655A1; WO2024015769A1; WO2015123323A1; WO2015195777A1; WO2017100720A1; EP3901257A1; EP3919599A1; US11920170B2; WO2014099523A1; WO2015095358A1; EP3354728A1; EP3789407A1; WO2022178073A1; WO2022178075A1; WO2014164777A1; WO2014164800A1; EP3336183A1; WO2021247810A1; EP3978604A1; WO2017083229A1; WO2019036721A2; US10822574B2; WO2021158543A1; WO2023287684A1; WO2023114988A2; WO2017083226A1; EP3696264A1; US10876074B2; EP4163305A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005105975 A1 20051110; DE 102004020720 A1 20051201; EP 1740690 A1 20070110; EP 1740690 B1 20121010; EP 1740690 B2 20160706; JP 2007534808 A 20071129; PL 1740690 T3 20130329; PL 1740690 T5 20161130; US 2008248989 A1 20081009

DOCDB simple family (application)
EP 2005004198 W 20050420; DE 102004020720 A 20040428; EP 05733100 A 20050420; JP 2007509925 A 20050420; PL 05733100 T 20050420; US 58773606 A 20061206