

Title (en)

POWDER AND GRANULE, PROCESS FOR MAKING SUCH POWDER AND GRANULE, AND USE THEREOF

Title (de)

PULVER UND GRANULAT, VERFAHREN ZUR HERSTELLUNG SOLCH EINES PULVERS UND GRANULATS UND VERWENDUNG DAVON

Title (fr)

POUDRES ET GRANULÉS, PROCÉDÉ DE FABRICATION DE CES POUDRES ET GRANULÉS ET LEUR UTILISATION

Publication

EP 3628724 A1 20200401 (EN)

Application

EP 18196604 A 20180925

Priority

EP 18196604 A 20180925

Abstract (en)

The present invention is directed towards a process for making a powder or granule containing(A) at least one copolymer obtainable by polymerization of at least one monomer according to formula (I):in an amount of 1 to 70 mole%,wherein n is ≥ 3 and at least one monomer according to formula (II):in an amount of 30 to 99 mole%,(B) at least one homo- or copolymer of (meth)acrylic acid, partially or fully neutralized with alkali,said process comprising the steps of(a) mixing the at least one copolymer (A) and the at least one homo- or copolymer (B) in the presence of water,(b) removing most of said water by spray-drying or spray granulation using a gas with an inlet temperature of at least 125°C.

IPC 8 full level

C11D 3/37 (2006.01); **C11D 11/02** (2006.01)

CPC (source: EP)

C11D 3/3761 (2013.01); **C11D 3/3773** (2013.01); **C11D 11/02** (2013.01)

Citation (applicant)

- WO 2015078736 A1 20150604 - BASF SE [DE], et al
- US 4170582 A 19791009 - MORI KAORU [JP], et al
- US 2009234062 A1 20090917 - KOK HARM-JAN [NL], et al
- US 7687554 B2 20100330 - SCHELLENBERG CARSTEN [DE], et al

Citation (search report)

- [A] EP 3196284 A1 20170726 - HENKEL AG & CO KGAA [DE], et al
- [A] WO 2016049456 A1 20160331 - INT FLAVORS & FRAGRANCES INC [US]
- [A] WO 2018028935 A1 20180215 - HENKEL AG & CO KGAA [DE], et al
- [AD] WO 2015078736 A1 20150604 - BASF SE [DE], 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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3628724 A1 20200401; **EP 3628724 B1 20210728**; WO 2020064570 A1 20200402

DOCDB simple family (application)

EP 18196604 A 20180925; EP 2019075395 W 20190920