

Title (en)
MICROCAPSULES

Title (de)
MIKROKAPSELN

Title (fr)
MICROCAPSULES

Publication
EP 3890838 A1 20211013 (DE)

Application
EP 19809503 A 20191202

Priority
• EP 2018083315 W 20181203
• EP 2019083330 W 20191202

Abstract (en)
[origin: WO2020114571A1] The invention relates to microcapsules comprising (a) a core containing at least one active substance and, (b) a capsule wall. The capsule wall consists of at least three polymer layers and at least one of the polymer layers contains at least one aromatic polyol and at least one of the other polymer layers contains a triphenol.

IPC 8 full level
A61Q 13/00 (2006.01); **A61K 8/11** (2006.01); **A61K 8/84** (2006.01); **B01J 13/22** (2006.01); **C11D 3/50** (2006.01)

CPC (source: EP US)
A01N 25/28 (2013.01 - EP); **A61K 8/11** (2013.01 - EP US); **A61K 8/84** (2013.01 - EP); **A61Q 13/00** (2013.01 - EP US);
B01J 13/14 (2013.01 - EP US); **B01J 13/206** (2013.01 - EP US); **B01J 13/22** (2013.01 - EP US); **C11D 3/505** (2013.01 - EP US);
C11D 17/0039 (2013.01 - EP US); **F28D 20/023** (2013.01 - EP); **A61K 2800/56** (2013.01 - EP US); **Y02E 60/14** (2013.01 - EP)

Citation (search report)
See references of WO 2020114975A1

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)
WO 2020114571 A1 20200611; CN 113242750 A 20210810; CN 113242750 B 20230822; EP 3890838 A1 20211013;
JP 2022509685 A 20220121; JP 7381583 B2 20231115; US 2022040659 A1 20220210; WO 2020114975 A1 20200611

DOCDB simple family (application)
EP 2018083315 W 20181203; CN 201980079747 A 20191202; EP 19809503 A 20191202; EP 2019083330 W 20191202;
JP 2021531142 A 20191202; US 201917297712 A 20191202