

Title (en)

BENEFIT AGENT DELIVERY PARTICLES

Title (de)

PFLEGEMITTELABGABEPARTIKEL

Title (fr)

PARTICULES DE DISTRIBUTION D'AGENT BÉNÉFIQUE

Publication

EP 3824061 A1 20210526 (EN)

Application

EP 19737568 A 20190715

Priority

- EP 18183985 A 20180717
- EP 2019069044 W 20190715

Abstract (en)

[origin: WO2020016194A1] The invention provides a benefit agent delivery particle having a core-shell structure in which a porous shell of polymeric material entraps a core containing the benefit agent; in which the pores in the shell are at least partially occluded by a wash-removable coating provided at the exterior surface of the shell; and characterized in that the wash-removable coating is formed from deposited particles of a complex of a cationic surfactant and an anionic surfactant. The invention also provides a laundry treatment composition comprising a benefit agent delivery particle as defined above.

IPC 8 full level

C11D 3/50 (2006.01); **C11D 1/22** (2006.01); **C11D 1/29** (2006.01); **C11D 1/62** (2006.01); **C11D 1/65** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)

C11D 1/65 (2013.01); **C11D 3/505** (2013.01); **C11D 17/0039** (2013.01); **C11D 1/22** (2013.01); **C11D 1/29** (2013.01); **C11D 1/62** (2013.01)

Citation (search report)

See references of WO 2020016194A1

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 2020016194 A1 20200123; BR 112021000737 A2 20210413; BR 112021000737 B1 20240109; CN 112567013 A 20210326;
CN 112567013 B 20230526; EP 3824061 A1 20210526; EP 3824061 B1 20230329; ZA 202100030 B 20220727

DOCDB simple family (application)

EP 2019069044 W 20190715; BR 112021000737 A 20190715; CN 201980047653 A 20190715; EP 19737568 A 20190715;
ZA 202100030 A 20210104