

Title (en)

DETERGENT PARTICLES HAVING COATING OR PARTIAL COATING LAYERS

Title (de)

BESCHICHTETE ODER TEILWEISE BESCHICHTETE WASCHMITTELTEILCHEN

Title (fr)

PARTICULES DE DETERGENT ENROBEES OU PARTIELLEMENT ENROBEES DE COUCHES

Publication

EP 1159395 A1 20011205 (EN)

Application

EP 00916149 A 20000308

Priority

- US 0005987 W 20000308
- US 12344499 P 19990309
- US 12777199 P 19990405

Abstract (en)

[origin: WO0053719A1] A detergent particle having a coating layer of a water-soluble material is provided. The detergent particle comprises a particle core of a detergent active material. This particle core is then at least partially covered by a particle coating layer of a water soluble material that reduces the surface area of the particle. Particularly preferred are non-hydratable inorganic coating materials including double salt combinations of alkali metal carbonates and sulfates. The particle coating layer may also include detergent adjunct ingredients such as brighteners, chelants, nonionic surfactants, co-builders, etc.

IPC 1-7

C11D 17/00

IPC 8 full level

C11D 3/12 (2006.01); **C11D 3/386** (2006.01); **C11D 3/39** (2006.01); **C11D 3/50** (2006.01); **C11D 17/00** (2006.01); **C11D 1/02** (2006.01)

CPC (source: EP)

C11D 3/128 (2013.01); **C11D 3/38672** (2013.01); **C11D 3/39** (2013.01); **C11D 3/505** (2013.01); **C11D 17/0039** (2013.01); **C11D 1/02** (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

WO 0053719 A1 20000914; AT E335804 T1 20060915; AU 3729800 A 20000928; DE 60029932 D1 20060921; EP 1159395 A1 20011205; EP 1159395 B1 20060809; JP 2002538292 A 20021112

DOCDB simple family (application)

US 0005987 W 20000308; AT 00916149 T 20000308; AU 3729800 A 20000308; DE 60029932 T 20000308; EP 00916149 A 20000308; JP 2000603344 A 20000308