

Title (en)

USE OF A SPRAYABLE CLEANING AGENT CONTAINING A DROPLET-SHAPED APOLAR COMPONENT

Title (de)

VERWENDUNG EINES SPRÜHBARER REINIGERS, ENTHALTEND EINE TRÖPFCHENFÖRMIGE APOLARE KOMPONENTE

Title (fr)

UTILISATION D'UN AGENT NETTOYANT PULVERISABLE RENFERMANT UN COMPOSANT APOLAIRE SOUS FORME DE GOUTTELETTES

Publication

EP 1412469 A1 20040428 (DE)

Application

EP 02762381 A 20020720

Priority

- DE 10137047 A 20010731
- EP 0208119 W 20020720

Abstract (en)

[origin: WO03012023A1] The invention relates to aqueous, multi-phase agents in the form of gel and comprising surface active agents, which contain at least one aqueous phase (I) and a hydrophobic phase (II) which is immiscible with said aqueous phase and in which the hydrophobic phase is maintained in suspension in the form of bubbles and/or particles and/or droplets in the aqueous phase. Said agents are used, optionally as a product together with a sprayer, to clean hard or textile surfaces by spraying the agent on the surface to be cleaned without previously shaking it and are applied from the store tank in a different manner. Said agents are produced by producing an inner structure in an external liquid phase and dispersing the inner hydrophobic phase in said liquid phase after its production in such a way that the bubbles and/or particles and/or droplets can be detected at least in part with the naked eye.

IPC 1-7

C11D 17/00; C11D 3/37; C11D 3/12

IPC 8 full level

C11D 3/12 (2006.01); **C11D 3/37** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)

C11D 3/1266 (2013.01); **C11D 3/3765** (2013.01); **C11D 17/0017** (2013.01)

Citation (search report)

See references of WO 03012023A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

WO 03012023 A1 20030213; DE 10137047 A1 20030227; EP 1412469 A1 20040428

DOCDB simple family (application)

EP 0208119 W 20020720; DE 10137047 A 20010731; EP 02762381 A 20020720