

Title (en)
ENCAPSULATED DETERGENT

Title (de)
VERKAPSELTES REINIGUNGSMITTEL

Title (fr)
DETERGENTS ENCAPSULES

Publication
EP 1133547 B1 20020918 (DE)

Application
EP 99958052 A 19991116

Priority
• DE 19854267 A 19981125
• EP 9908806 W 19991116

Abstract (en)
[origin: US6820626B1] An encapsulated active substance for a manual detergent for hard surfaces comprises an essentially anhydrous active substance with at least one surfactant and at least one liquid polymer carrier encapsulated in a water-soluble or water-dispersible capsule, the active substance containing: less than 25 wt. % of carrier; at least one unbranched or branched, acrylic or cyclic, saturated or unsaturated alcohol with 1 to 10 carbon atoms and one or two primary, secondary or tertiary hydroxy groups and a carbon chain optionally having one or more -O- groups; or being free of glycerol. The encapsulated active substance can be used as a manual detergent for hard surfaces.

IPC 1-7
C11D 17/00; **C11D 1/83**

IPC 8 full level
C11D 1/14 (2006.01); **C11D 1/29** (2006.01); **C11D 1/68** (2006.01); **C11D 1/72** (2006.01); **C11D 1/83** (2006.01); **C11D 3/20** (2006.01); **C11D 3/37** (2006.01); **C11D 3/38** (2006.01); **C11D 17/00** (2006.01); **C11D 1/66** (2006.01)

CPC (source: EP US)
C11D 1/83 (2013.01 - EP US); **C11D 3/2003** (2013.01 - EP US); **C11D 3/201** (2013.01 - EP US); **C11D 3/2017** (2013.01 - EP US); **C11D 3/202** (2013.01 - EP US); **C11D 3/2027** (2013.01 - EP US); **C11D 3/2031** (2013.01 - EP US); **C11D 3/3707** (2013.01 - EP US); **C11D 17/0039** (2013.01 - EP US); **C11D 1/146** (2013.01 - EP US); **C11D 1/29** (2013.01 - EP US); **C11D 1/662** (2013.01 - EP US); **C11D 1/72** (2013.01 - EP US); **C11D 3/2013** (2013.01 - EP US); **C11D 3/2024** (2013.01 - EP US); **C11D 3/2044** (2013.01 - EP US); **C11D 3/2048** (2013.01 - EP US); **C11D 3/2051** (2013.01 - EP US); **C11D 3/2055** (2013.01 - EP US)

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

DOCDB simple family (publication)
US 6820626 B1 20041123; AT E224441 T1 20021015; DE 19854267 A1 20000531; DE 59902797 D1 20021024; EP 1133547 A1 20010919; EP 1133547 B1 20020918; EP 1133547 B2 20061004; ES 2184512 T3 20030401; ES 2184512 T5 20070516; JP 2002530517 A 20020917; WO 0031232 A1 20000602

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