

Title (en)
WASHING AND CLEANING AGENT ADDITIVE AND METHOD OF PRODUCING THE SAME

Title (de)
WASCH- UND REINIGUNGSMITTELADDITIV UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)
ADDITIF POUR DETERGENT ET NETTOYANT ET PROCEDE PERMETTANT DE LE PREPARER

Publication
EP 1135455 B2 20170308 (DE)

Application
EP 99956028 A 19991123

Priority
• DE 19855676 A 19981202
• EP 9909011 W 19991123

Abstract (en)
[origin: WO0032736A1] The invention relates to washing and cleaning agent additives that can be added to conventional washing and cleaning compositions. Said additives are obtained by applying a solution or suspension of certain washing and cleaning agent ingredients in binders that are liquid at temperatures up to 40 DEG C to carriers with oil absorption capacities of more than 20 g/100 g. Alternatively, a solid mixture consisting of a carrier material and certain washing and cleaning agent ingredients can be sprayed with the above-mentioned binders.

IPC 8 full level
C11D 11/00 (2006.01); **C11D 3/08** (2006.01); **C11D 3/12** (2006.01); **C11D 3/20** (2006.01); **C11D 3/37** (2006.01); **C11D 3/386** (2006.01); **C11D 3/40** (2006.01); **C11D 3/42** (2006.01); **C11D 3/50** (2006.01); **C11D 17/00** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP)
C11D 3/124 (2013.01); **C11D 3/128** (2013.01); **C11D 17/0034** (2013.01)

Citation (opposition)
Opponent :
US 3868336 A 19750225 - MAZZOLA LOUIS R, et al

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0032736 A1 20000608; AT E263830 T1 20040415; DE 19855676 A1 20000608; DE 59909136 D1 20040513; EP 1135455 A1 20010926; EP 1135455 B1 20040407; EP 1135455 B2 20170308; ES 2220126 T3 20041201; ES 2220126 T5 20170731

DOCDB simple family (application)
EP 9909011 W 19991123; AT 99956028 T 19991123; DE 19855676 A 19981202; DE 59909136 T 19991123; EP 99956028 A 19991123; ES 99956028 T 19991123