

Title (en)
WATER REPELLENT FINISHING AGENT FOR HARD SURFACES

Title (de)
HYDROPHOBIERUNGSMITTEL FÜR HARTE OBERFLÄCHEN

Title (fr)
AGENT HYDROPHOBE POUR SURFACES DURES

Publication
EP 1144582 A1 20011017 (DE)

Application
EP 00902597 A 20000115

Priority
• DE 19902506 A 19990122
• EP 0000305 W 20000115

Abstract (en)
[origin: DE19902506A1] Water-soluble and/or -dispersible polymers based on lysine, arginine, ornithine and/or tryptophan are used as additives to water for rinsing cleaned hard articles made from metals, glass, porcelain or plastics or lacquered surfaces of these materials.

IPC 1-7
C11D 3/37

IPC 8 full level
C08G 69/36 (2006.01); **C11D 3/33** (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP)
C11D 3/33 (2013.01); **C11D 3/3703** (2013.01); **C11D 3/3719** (2013.01)

Citation (search report)
See references of WO 0043483A1

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)
DE 19902506 A1 20000727; EP 1144582 A1 20011017; JP 2002535445 A 20021022; WO 0043483 A1 20000727

DOCDB simple family (application)
DE 19902506 A 19990122; EP 0000305 W 20000115; EP 00902597 A 20000115; JP 2000594892 A 20000115