

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)  
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**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