

Title (en)  
Cleaning composition and use thereof

Title (de)  
Reinigungsmedium und dessen Verwendung

Title (fr)  
Composition détergente et son utilisation

Publication  
**EP 1111036 A3 20030702 (DE)**

Application  
**EP 00127878 A 20001220**

Priority  
DE 19963124 A 19991224

Abstract (en)  
[origin: EP1111036A2] A cleaning medium (I) comprises: (a) an agent producing a pH of 1-4 and an agent producing a pH of 10-14 in solution; (b) a dispersible abrasive substance at 1-15 g; (c) a foam-lacking tensid at 0.1-50g; (d) a solvent at 10-50g; (e) water to make 100 g; and optionally (f) other additives. Independent claims are also included for: (1) a concentrate of (I), comprising (a)-(d), but very little water and optionally (f); and (2) a container with a dosing device.

IPC 1-7  
**C11D 17/00**; **C11D 3/43**; **B41N 3/00**; **B41N 3/06**; **C11D 3/02**; **C11D 3/14**; **C11D 1/83**

IPC 8 full level  
**B41F 35/00** (2006.01); **B41N 3/00** (2006.01); **B41N 3/06** (2006.01); **C11D 1/68** (2006.01); **C11D 1/72** (2006.01); **C11D 3/02** (2006.01); **C11D 3/06** (2006.01); **C11D 3/12** (2006.01); **C11D 3/14** (2006.01); **C11D 3/18** (2006.01); **C11D 3/20** (2006.01); **C11D 3/30** (2006.01); **C11D 3/33** (2006.01); **C11D 17/08** (2006.01)

CPC (source: EP US)  
**B41N 3/006** (2013.01 - EP US); **C11D 3/042** (2013.01 - EP US); **C11D 3/044** (2013.01 - EP US); **C11D 3/1213** (2013.01 - EP US); **C11D 3/14** (2013.01 - EP US); **C11D 3/18** (2013.01 - EP US); **C11D 17/0013** (2013.01 - EP US)

Citation (search report)

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

DOCDB simple family (publication)  
**EP 1111036 A2 20010627**; **EP 1111036 A3 20030702**; **EP 1111036 B1 20070314**; CA 2329535 A1 20010624; CA 2329535 C 20070529; DE 19963124 A1 20010712; DE 50014158 D1 20070426; JP 2001234199 A 20010828; JP 3527198 B2 20040517; US 2001008877 A1 20010719; US 6525008 B2 20030225

DOCDB simple family (application)  
**EP 00127878 A 20001220**; CA 2329535 A 20001222; DE 19963124 A 19991224; DE 50014158 T 20001220; JP 2000385743 A 20001219; US 74613400 A 20001221