

Title (en)  
COMPOSITION FOR CLEANING HARD SURFACES

Title (de)  
ZUSAMMENSETZUNG ZUM REINIGEN VON HARTEN OBERFLÄCHEN

Title (fr)  
COMPOSITION DE NETTOYAGE DE SURFACES DURES

Publication  
**EP 1337616 B1 20041222 (EN)**

Application  
**EP 01993373 A 20011015**

Priority  
• EP 01993373 A 20011015  
• EP 0111881 W 20011015  
• EP 00203831 A 20001103

Abstract (en)  
[origin: WO0238720A1] The invention provides liquid abrasive cleaning compositions for hard surfaces which are clear aqueous liquid gels comprising one or more detergent surfactants and macroscopic abrasive particles which are dispersed through the liquid. The gel and the particles preferably have different colours. The particles preferably have fairly uniform particle diameters of between 0.3 and 2.5mm. The invention also provides a process for cleaning hard surfaces comprising the step of applying a composition according to the invention to the surface.

IPC 1-7  
**C11D 17/00**; **C11D 3/14**; **C11D 3/12**

IPC 8 full level  
**C11D 3/12** (2006.01); **C11D 3/14** (2006.01); **C11D 17/00** (2006.01); **C11D 17/08** (2006.01)

CPC (source: EP)  
**C11D 3/14** (2013.01); **C11D 17/0013** (2013.01); **C11D 17/003** (2013.01)

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)  
**WO 0238720 A1 20020516**; AR 031192 A1 20030910; AT E285469 T1 20050115; AU 2002220627 B2 20060601; AU 2062702 A 20020521; BR 0115088 A 20031007; CA 2424455 A1 20020516; CA 2424455 C 20091006; CZ 299089 B6 20080423; DE 60107979 D1 20050127; DE 60107979 T2 20050519; EP 1337616 A1 20030827; EP 1337616 B1 20041222; ES 2230389 T3 20050501; HU P0303574 A2 20040329; HU P0303574 A3 20051128; JP 2004514026 A 20040513; JP 4113429 B2 20080709; PL 196482 B1 20080131; PL 361062 A1 20040920; RU 2292386 C2 20070127; ZA 200302356 B 20040326

DOCDB simple family (application)  
**EP 0111881 W 20011015**; AR P010105134 A 20011102; AT 01993373 T 20011015; AU 2002220627 A 20011015; AU 2062702 A 20011015; BR 0115088 A 20011015; CA 2424455 A 20011015; CZ 20031229 A 20011015; DE 60107979 T 20011015; EP 01993373 A 20011015; ES 01993373 T 20011015; HU P0303574 A 20011015; JP 2002542038 A 20011015; PL 36106201 A 20011015; RU 2003116238 A 20011015; ZA 200302356 A 20011015