

Title (en)
CLEANING METHOD OF HARD SURFACES

Title (de)
REINIGUNGSVERFAHREN HARTER OBERFLÄCHEN

Title (fr)
PROCEDE DE NETTOYAGE DE SURFACES DURES

Publication
EP 1303583 A1 20030423 (EN)

Application
EP 01954112 A 20010717

Priority
• GB 0103136 W 20010717
• GB 0017549 A 20000718

Abstract (en)
[origin: WO0206434A1] A cleaning composition contains the components for a pH step reaction, held apart or in stasis in needed, until they are delivered to the locus to be cleaned. The composition may include standard cleaning agents such as surfactants. The composition undergoes a change in pH at the locus, promoting effective cleaning.

IPC 1-7
C11D 3/39; **C11D 17/00**; **C11D 17/04**

IPC 8 full level
C11D 3/39 (2006.01); **C11D 3/48** (2006.01); **C11D 17/00** (2006.01); **C11D 17/04** (2006.01)

CPC (source: EP US)
C11D 3/0042 (2013.01 - EP US); **C11D 3/0047** (2013.01 - EP US); **C11D 3/3932** (2013.01 - EP US); **C11D 3/3942** (2013.01 - EP US);
C11D 3/3947 (2013.01 - EP US); **C11D 3/48** (2013.01 - EP US); **C11D 17/0056** (2013.01 - EP US); **C11D 17/041** (2013.01 - EP US)

Citation (search report)
See references of WO 0206434A1

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 0206434 A1 20020124; AR 029847 A1 20030716; AT E307874 T1 20051115; AU 7646101 A 20020130; DE 60114422 D1 20051201;
DE 60114422 T2 20060727; EP 1303583 A1 20030423; EP 1303583 B1 20051026; ES 2248360 T3 20060316; GB 0017549 D0 20000906;
GB 0117274 D0 20010905; GB 2367832 A 20020417; GB 2367832 B 20030319; US 2004072710 A1 20040415

DOCDB simple family (application)
GB 0103136 W 20010717; AR P010103428 A 20010717; AT 01954112 T 20010717; AU 7646101 A 20010717; DE 60114422 T 20010717;
EP 01954112 A 20010717; ES 01954112 T 20010717; GB 0017549 A 20000718; GB 0117274 A 20010716; US 33318003 A 20031022