

Title (en)
CLEANING PROCESS

Title (de)
REINIGUNGSVERFAHREN

Title (fr)
PROCÉDÉ DE NETTOYAGE

Publication
EP 2029719 B1 20101229 (DE)

Application
EP 07765478 A 20070619

Priority
• EP 2007056046 W 20070619
• DE 102006028750 A 20060620

Abstract (en)
[origin: US2009183755A1] A method of machine cleaning dishes in a dishwasher, wherein over the course of a cleaning program, having a pre-rinsing operation and a cleaning operation, two liquid cleansers A and B having the following composition: A: -10 to 75 wt % of builder(s); -0.1 to 10 wt % of enzyme(s); -24.9 to 89.9 wt % of solvent; and B: -10 to 74.9 wt % of builder(s); -25 to 89.9 wt % of solvent; are metered into the wash bath at two successive times t1 and t2. The liquid cleanser A has a pH value (20° C.) of between 6 and 9 and is metered in at time t1, while the liquid cleanser B has a pH value (20° C.) of between 9 and 14 and is metered in at time t2.

IPC 8 full level
C11D 17/04 (2006.01); **C11D 3/30** (2006.01); **C11D 3/386** (2006.01); **C11D 11/00** (2006.01)

CPC (source: EP US)
C11D 3/38618 (2013.01 - EP US); **C11D 3/43** (2013.01 - EP US); **C11D 2111/14** (2024.01 - EP US); **C11D 2111/44** (2024.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2009183755 A1 20090723; **US 8012267 B2 20110906**; AT E493487 T1 20110115; DE 102006028750 A1 20071227;
DE 502007006118 D1 20110210; EP 2029719 A1 20090304; EP 2029719 B1 20101229; JP 2009540897 A 20091126; PL 2029719 T3 20110531;
WO 2007147814 A1 20071227

DOCDB simple family (application)
US 33922008 A 20081219; AT 07765478 T 20070619; DE 102006028750 A 20060620; DE 502007006118 T 20070619;
EP 07765478 A 20070619; EP 2007056046 W 20070619; JP 2009515855 A 20070619; PL 07765478 T 20070619