Title (en)
DISHWASHING MACHINE AND METHOD FOR THE OPERATION THEREOF

Title (de)
GESCHIRRSPÜLMASCHINE UND VERFAHREN ZU IHREM BETRIEB

Title (fr)
LAVE-VAISSELLE ET PROCÉDÉ PERMETTANT DE LE FAIRE FONCTIONNER

Publication
EP 2217124 A1 20100818 (DE)

Application
EP 08856296 A 20081125

Priority
• EP 2008066141 W 20081125
• DE 102007059030 A 20071206

Abstract (en)
[origin: WO2009071466A1] The invention relates to a dishwashing machine and method for the operation thereof, particularly a commercial dishwashing machine. It is designed to perform the following process steps: Step 1: performing a pretreatment cycle consisting of spraying the washing goods with an alkaline, highly concentrated cleaning solution, the pH value of which is at least 1 greater in value than the pH value of the washing liquid of a main washing cycle; Step 2 after Step 1: performing a soak cycle for a soak period, during which the cleaning solution acts on the washing goods and the washing goods are additionally thermally pretreated with steam, whereby the thermal pretreatment of the washing goods is performed during at least one part of the soak period, preferably during the entire soak period; Step 3 after Step 2: performing a main washing cycle, comprising spraying of the washing goods with washing liquid comprising water and cleaner; Step 4 after Step 3: performing a clear rinse cycle, during which the washing goods are sprayed with clear rinse liquid.

IPC 8 full level
A47L 15/42 (2006.01); **A47L 15/00** (2006.01)

CPC (source: EP US)
A47L 15/0007 (2013.01 - EP US); **A47L 15/0015** (2013.01 - EP US); **A47L 15/0078** (2013.01 - EP US); **A47L 15/4234** (2013.01 - EP US); A47L 15/4217 (2013.01 - EP US); A47L 2601/04 (2013.01 - EP US)

Citation (search report)
See references of WO 2009071466A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
DE 102007059030 A1 20090610; EP 2217124 A1 20100818; EP 2217124 B1 20140507; US 2010269863 A1 20101028; US 9351627 B2 20160531; WO 2009071466 A1 20090611

DOCDB simple family (application)
DE 102007059030 A 20071206; EP 08856296 A 20081125; EP 2008066141 W 20081125; US 74590108 A 20081125