

Title (en)

METHOD FOR SELF-CLEANING OF A CONTINUOUS DISHWASHER AND CORRESPONDING DISHWASHER

Title (de)

VERFAHREN ZUR SELBSTREINIGUNG EINER DURCHLAUFSPÜLMASCHINE UND ENTSPRECHENDE SPÜLMASCHINE

Title (fr)

PROCÉDÉ D'AUTO-NETTOYAGE D'UN LAVE-VAISSELLE À AVANCEMENT AUTOMATIQUE ET LAVE-VAISSELLE À AVANCEMENT AUTOMATIQUE CORRESPONDANT

Publication

EP 2252191 B1 20130123 (DE)

Application

EP 08871607 A 20081017

Priority

- EP 2008008807 W 20081017
- DE 102008005876 A 20080124

Abstract (en)

[origin: WO2009092404A1] The invention relates to a method for the automatic self-cleaning of a continuous dishwasher for items to be cleaned, comprising at least one washing zone (2, 3), at least one clear rinsing zone (4, 5) and a transport device (7). Items to be cleaned are transported via the transport device (7) in the transport direction (8). The continuous dishwasher comprises at least one fine filter with a backwash apparatus (16) on at least one storage tank (13) and at least one device (18) for emptying each of the storage tanks (13). The continuous dishwasher automatically carries out a self-cleaning cycle, during which cleaning liquid (22) located in each of the storage tanks (13) is successively used several times in the different zones (2, 3, 4 and 5) for cleaning. The cleaning liquid (22) is circulated by means of circulating pumps (14) in the respective storage tanks (13) and is fed to spraying systems (9, 10, 11) that are already present in the associated zones (2, 3, 4 or 5), or to separate nozzles or nozzle heads for wetting the inside of the surfaces delimiting the respective zone (2, 3, 4 and 5).

IPC 8 full level

A47L 15/00 (2006.01); **A47L 15/24** (2006.01)

CPC (source: EP US)

A47L 15/0057 (2013.01 - EP US); **A47L 15/241** (2013.01 - EP US); **A47L 15/4208** (2013.01 - EP US)

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

DOCDB simple family (publication)

DE 102008005876 B3 20090430; CN 101925322 A 20101222; CN 101925322 B 20120905; EP 2252191 A1 20101124; EP 2252191 B1 20130123; RU 2434570 C1 20111127; US 2011017234 A1 20110127; US 8491723 B2 20130723; WO 2009092404 A1 20090730

DOCDB simple family (application)

DE 102008005876 A 20080124; CN 200880125451 A 20081017; EP 08871607 A 20081017; EP 2008008807 W 20081017; RU 2010135356 A 20081017; US 84330310 A 20100726