

Title (en)

Method and device for controlling the temperature of a rinsing process

Title (de)

Vorrichtung und Verfahren zur Temperatursteuerung einer Klarspülung

Title (fr)

Procédé et dispositif destinés à la commande de température d'un rinçage

Publication

EP 2311362 A3 20171220 (DE)

Application

EP 10013634 A 20101014

Priority

- DE 102009049343 A 20091014
- DE 102009053639 A 20091117

Abstract (en)

[origin: EP2311362A2] The device (110) i.e. continuous dishwasher (112), has two cleaning zones (126) comprising a rinsing zone (131) and a clear-rinsing zone (149) that is downstream to the rinsing zone. The device comprises a heater (190) e.g. flow-type heater (166), to heat clear-rinsing fluid before pressurization of an item (120) to be cleaned by a heat exchanger (188) at temperature. The device cools the clear-rinsing fluid before pressurization of the item to be cleaned by using another heat exchanger (196) at another temperature. The clear-rinsing zone comprises a fresh water clear-rinser (162). An independent claim is also included for a method for cleaning an item to be cleaned.

IPC 8 full level

A47L 15/24 (2006.01); **A47L 15/00** (2006.01); **A47L 15/42** (2006.01)

CPC (source: EP)

A47L 15/0047 (2013.01); **A47L 15/241** (2013.01); **A47L 15/4291** (2013.01); **A47L 2401/12** (2013.01); **A47L 2401/14** (2013.01); **A47L 2401/34** (2013.01); **A47L 2501/03** (2013.01); **A47L 2501/06** (2013.01); **A47L 2501/26** (2013.01)

Citation (search report)

- [A] DE 102004046758 A1 20060406 - MEIKO MASCHINENBAU GMBH & CO [DE]
- [AD] DE 102004030010 A1 20060112 - PREMARK FEG LLC [US]
- [AD] DE 102007009252 A1 20080828 - MEIKO MASCHINENBAU GMBH & CO [DE]
- [AD] EP 0838190 B1 20030219 - PREMARK FEG LLC [US]

Cited by

CN110772197A; US10285562B2; WO2017023548A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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