

Title (en)

CONVEYOR DISHWASHER AND METHOD FOR OPERATING A CONVEYOR DISHWASHER

Title (de)

TRANSPORTSPÜLMASCHINE SOWIE VERFAHREN ZUM BETREIBEN EINER TRANSPORTSPÜLMASCHINE

Title (fr)

LAVE-VAISSELLE À TRANSPORTEUR ET PROCÉDÉ DE FONCTIONNEMENT D'UN LAVE-VAISSELLE À TRANSPORTEUR

Publication

EP 2525700 A2 20121128 (EN)

Application

EP 11734975 A 20110104

Priority

- DE 102010005533 A 20100123
- US 2011020068 W 20110104

Abstract (en)

[origin: WO2011090810A2] The invention relates to a conveyor dishwasher (1) having at least one conveyor apparatus (2) for conveying washware through at least one wash zone (10, 11.1, 11.2) and at least one final rinse zone (13), with final rinse liquid, which comprises fresh water and rinse aid which is added in a metered fashion, being sprayed onto the washware in the at least one final rinse zone (13) by means of at least one final rinse nozzle (33a, 33b, 33c). With the aim of effectively preventing both excessive treatment and inadequate treatment of the washware in the at least one final rinse zone (13) in a manner which is simple to implement, provision is made, according to the invention, of a main line system (44) for supplying a first portion and a secondary line system (45) for supplying a second portion of the final rinse liquid, which is to be sprayed by means of the at least one final rinse nozzle (33a, 33b, 33c), with the main line system (44) and the secondary line system (45) being combined in a region (46) between the at least one final rinse nozzle (33a, 33b, 33c) and an apparatus (16, 17), which is associated with the main line system (44), for heating the liquid which is supplied by means of the main line system (44). Furthermore, a rinse aid metering apparatus (42), which is associated with the secondary line system (45), is provided for metering rinse aid into the secondary line system (45), and a control apparatus (40) is provided for automatically adapting the quantity of rinse aid which is metered into the secondary line system (45) by the rinse aid metering apparatus (42) per unit time.

IPC 8 full level

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

CPC (source: EP)

A47L 15/0055 (2013.01); **A47L 15/0078** (2013.01); **A47L 15/241** (2013.01); **A47L 2401/04** (2013.01); **A47L 2401/30** (2013.01); **A47L 2501/07** (2013.01)

Citation (search report)

See references of WO 2011090810A2

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

DOCDB simple family (publication)

WO 2011090810 A2 20110728; **WO 2011090810 A3 20120719**; DE 102010005533 A1 20110728; DE 102010005533 B4 20120202; EP 2525700 A2 20121128; EP 2525700 B1 20141119

DOCDB simple family (application)

US 2011020068 W 20110104; DE 102010005533 A 20100123; EP 11734975 A 20110104