

Title (en)
DEVICE FOR WASHING UP TRAYS

Title (de)
VORRICHTUNG ZUM WASCHEN VON TABLETTS

Title (fr)
DISPOSITIF POUR LAVER DES PLATEAUX

Publication
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Application
EP 14803536 A 20140526

Priority
• SE 1350639 A 20130527
• SE 2014050643 W 20140526

Abstract (en)
[origin: WO2014193295A1] Device for washing up trays (1) in a dishwasher (8), wherein the trays before being washed up are brought from a horizontal position on a first conveyor to a vertical position hanging one after the other in a second conveyor (2), wherein the second conveyor is endless, after which the trays are once again brought into a horizontal position and released from the second conveyor (2) and transferred to a third endless conveyor (6) arranged with carrier means. The invention is characterised in that the dishwasher (8) comprises an endless fourth conveyor (9), arranged with protrusions (10) projecting out from the conveyor (9), in that there is formed a compartment for a tray (1) between each pair of protrusions (10) in the transport direction of the conveyor (9), in that the exit end (12) of the third, carrier means-provided, conveyor (6) is arranged to meet the entrance end (13) of the fourth conveyor (9), in that the third, carrier means-provided, conveyor (6) and the fourth conveyor (9) are synchronized so that a tray (1) lying on the third conveyor at the exit end of this conveyor is tipped down into one of the compartments (14) of the fourth conveyor and is transported by the fourth conveyor (9) through the dishwasher.

IPC 8 full level
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A47L 15/248 (2013.01 - EP)

Citation (search report)
• [A] DE 2718164 A1 19781102 - STIERLEN MAQUET AG
• [A] DE 2430055 A1 19760102 - KUEPPERSBUSCH
• [A] WO 9627320 A1 19960912 - CENTRALSUG AB [SE], et al
• [A] DE 1728257 B1 19711118 - KUEPPERSBUSCH
• See references of WO 2014193295A1

Designated contracting state (EPC)
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