

Title (en)
METHOD FOR HEATING A WASHING LIQUID IN A MACHINE FOR WASHING CONTAINERS, AND WASHING MACHINE FOR CARRYING OUT SUCH A METHOD

Title (de)
VERFAHREN ZUR ERWÄRMUNG EINER WASCHFLÜSSIGKEIT IN EINER MASCHINE ZUM WASCHEN VON BEHÄLTERN UND WASCHMASCHINE ZUR DURCHFÜHRUNG SOLCH EINES VERFAHRENS

Title (fr)
PROCÉDÉ DE CHAUFFAGE D'UN LIQUIDE DE LAVAGE DANS UNE MACHINE DE LAVAGE DE RÉCIPIENTS ET MACHINE À LAVER POUR METTRE EN OEUVRE UN TEL PROCÉDÉ

Publication
EP 3666408 A1 20200617 (EN)

Application
EP 18212666 A 20181214

Priority
EP 18212666 A 20181214

Abstract (en)
In a machine (1) for washing containers (2), a conveyor device (4) advances a plurality of containers (2) along a washing path (P) through an inlet station, an outlet station (O) and a cleaning zone (C1, C2) arranged downstream of the inlet station and upstream of the outlet station; at this cleaning zone, the containers (2) are dipped into a bath of washing liquid; the washing liquid is heated inside the bath, by at least one heating conduit (201) channelling steam, and is delivered from the bath along a circulation line (150); condensate is separated from the steam in the heating conduit (201) so as to form a discharged fluid having heat that is transferred to the washing liquid in the circulation line (150).

IPC 8 full level
B08B 9/30 (2006.01)

CPC (source: EP)
B08B 9/30 (2013.01)

Citation (applicant)
EP 2727660 A1 20140507 - SIDEL SPA CON SOCIO UNICO [IT]

Citation (search report)

- [XYI] JP 2010022943 A 20100204 - MAEKAWA SEISAKUSHO KK
- [Y] EP 0501302 A1 19920902 - SEITZ ENZINGER NOLL MASCH [DE]
- [Y] FR 2264602 A1 19751017 - MILPRO NV [BE]
- [A] US 3951158 A 19760420 - TEDDEN ERHARD
- [A] DE 2454100 A1 19760520 - ORTHMANN & HERBST
- [A] DE 1607960 A1 19711104 - ENZINGER UNION WERKE AG

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)
EP 3666408 A1 20200617; WO 2020120709 A1 20200618

DOCDB simple family (application)
EP 18212666 A 20181214; EP 2019084980 W 20191212