

Title (en)
INTEGRATED COMPONENT FOR A DISHWASHING MACHINE

Title (de)
INTEGRIERTES BAUELEMENT FÜR EINE GESCHIRRSPÜLMASCHINE

Title (fr)
COMPOSANT INTÉGRÉ POUR LAVE-VAISSELLE

Publication
EP 3310237 B1 20190619 (EN)

Application
EP 16745821 A 20160617

Priority

- IT UB20151520 A 20150619
- IB 2016053613 W 20160617

Abstract (en)
[origin: WO2016203442A1] The integrated component for supplying and treating water for a dishwashing machine comprises a monolithic body (10) of plastics material, within which an inlet conduit (16) for water, a chamber (20) containing substances with water-softening properties, into which the inlet conduit (16) leads, a salt-containing reservoir (26) arranged in the lowermost portion of the body (10) and having a filler tube (28) for loading the salt, a compartment (30) for blowing out vapours having an inlet opening (32) and an outlet opening (34), an outlet conduit (22) of water from the chamber (20), a conduit (36) for supplying water to the reservoir (26) in order to produce therein a regenerating brine, and a conduit (38) connecting the reservoir (26) to the chamber (20) are defined. The component further comprises a valve (41) situated at a point wherein the conduit (36) branches off from the inlet conduit (16), the valve (41) being able to assume a first operating configuration in which it prevents the flow along the conduit (36), while it allows the flow along the inlet conduit (16), so that all the water is directed directly into the chamber (20), and a second operating configuration in which it allows the flow along the conduit (36).

IPC 8 full level
A47L 15/42 (2006.01); **A47L 15/48** (2006.01)

CPC (source: CN EP KR)
A47L 15/4217 (2013.01 - KR); **A47L 15/4231** (2013.01 - CN EP KR); **A47L 15/4217** (2013.01 - CN EP); **A47L 2501/01** (2013.01 - KR); **A47L 2501/07** (2013.01 - KR)

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 2016203442 A1 20161222; CN 107995853 A 20180504; EP 3310237 A1 20180425; EP 3310237 B1 20190619; KR 102543237 B1 20230613; KR 20180030982 A 20180327; PL 3310237 T3 20191129

DOCDB simple family (application)
IB 2016053613 W 20160617; CN 201680035570 A 20160617; EP 16745821 A 20160617; KR 20187000093 A 20160617; PL 16745821 T 20160617