

Title (en)

A DETERGENT DOSING SYSTEM FOR WASHING MACHINES AND A DETERGENT SAVING METHOD

Title (de)

WASCHMITTELDOSIERSYSTEM FÜR WASCHMASCHINEN UND WASCHMITTELSPARVERFAHREN

Title (fr)

SYSTÈME DE DOSAGE DE DÉTERGENT POUR MACHINES À LAVER ET PROCÉDÉ D'ÉCONOMIE DE DÉTERGENT

Publication

EP 3692201 A1 20200812 (EN)

Application

EP 18782394 A 20181002

Priority

- TR 201714957 A 20171004
- EP 2018076768 W 20181002

Abstract (en)

[origin: WO2019068698A1] The present invention relates to a washing machine (1) comprising a tub (2), a drum (3), and a detergent dosing system (25) having a detergent drawer (7) comprising a liquid detergent compartment (4) in which liquid detergent is stored, a softener compartment (5) in which softener is stored and a powder detergent compartment (6) in which powder detergent is placed, a detergent box (9) in which the detergent drawer (7) is placed, having a tub outlet (8) transmitting water to the tub (2), a dosing pump (10) enabling the liquid detergent and the softener stored in the detergent drawer (7) to be dosed so as to be sent to the washing environment in the tub (2) in predetermined amounts for main washing and rinsing processes, a liquid agent dosing chamber (12) provided at a cover (11) on the detergent box (9) or on the dosing pump (10), a first valve (13) enabling receiving water from outside for main washing processes in which liquid agent or powder detergent is used, and a first water inlet (14) enabling the water coming from the first valve (13) to be sent to the detergent box (9) in order to flush the powder detergent or the liquid agents.

IPC 8 full level

D06F 39/02 (2006.01); **D06F 39/08** (2006.01)

CPC (source: EP US)

D06F 39/02 (2013.01 - EP US); **D06F 39/022** (2013.01 - EP US); **D06F 39/028** (2013.01 - EP US); **D06F 39/086** (2013.01 - EP US); **D06F 39/088** (2013.01 - EP US)

Citation (search report)

See references of WO 2019068698A1

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)

WO 2019068698 A1 20190411; EP 3692201 A1 20200812; TR 201714957 A2 20190422

DOCDB simple family (application)

EP 2018076768 W 20181002; EP 18782394 A 20181002; TR 201714957 A 20171004