

Title (en)

DOMESTIC MACHINE COMPRISING A SYSTEM FOR FEEDING A CLEANING PRODUCT INTO THE CLEANING LIQUID

Title (de)

HAUSHALTSMASCHINE MIT EINEM SYSTEM ZUR ZUFUHR VON REINIGUNGSMITTEL IN DIE REINIGUNGSFLÜSSIGKEIT

Title (fr)

APPAREIL ELECTROMENAGER POURVU D'UN SYSTEME D'INTRODUCTION DE PRODUIT DE LAVAGE DANS LE LIQUIDE DE LAVAGE

Publication

EP 1675996 B1 20101222 (DE)

Application

EP 04791219 A 20041013

Priority

- EP 2004052530 W 20041013
- DE 10347766 A 20031014

Abstract (en)

[origin: WO2005038119A1] The aim of the invention is to provide a dishwasher machine or washing machine with a device that takes into account the loaded state of the machine or the type of dirtiness of the items to be washed, in order to be able to determine and regulate the amount of washing-active substances required in the cleaning liquid for optimum cleaning effect. To this end, the invention relates to a water-bearing domestic machine provided with a system for feeding a cleaning product into the cleaning liquid, and to a method for operating one such machine. A sensor is used to determine the content of washing-active substances in the cleaning liquid during the cleaning process, and a dosing device feeds an additional cleaning product into the cleaning liquid when the content of washing-active substances in the cleaning liquid is too low, or fresh water when the content of washing-active substances in the cleaning liquid is too high. In this way, all criteria influencing the required amount of washing-active substances in the cleaning liquid are taken into account in order to determine and adjust the quantity of washing-active substances required in the cleaning liquid for an optimum cleaning effect.

IPC 8 full level

A47L 15/42 (2006.01); **D06F 33/34** (2020.01); **D06F 33/37** (2020.01); **D06F 34/22** (2020.01)

CPC (source: EP KR US)

A47L 15/0055 (2013.01 - EP KR US); **A47L 15/4297** (2013.01 - KR); **D06F 33/34** (2020.02 - EP KR US); **D06F 33/37** (2020.02 - EP KR US); **D06F 34/22** (2020.02 - EP KR US); **D06F 39/02** (2013.01 - KR); **A47L 2401/023** (2013.01 - EP KR US); **A47L 2501/01** (2013.01 - EP KR US); **A47L 2501/07** (2013.01 - EP KR US); **D06F 2103/22** (2020.02 - EP KR US); **D06F 2105/02** (2020.02 - EP KR US); **D06F 2105/42** (2020.02 - EP KR US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005038119 A1 20050428; AT E492676 T1 20110115; DE 10347766 A1 20050609; DE 502004012032 D1 20110203; EP 1675996 A1 20060705; EP 1675996 B1 20101222; ES 2356082 T3 20110404; KR 20060128851 A 20061214; PL 1675996 T3 20110531; US 2007102024 A1 20070510

DOCDB simple family (application)

EP 2004052530 W 20041013; AT 04791219 T 20041013; DE 10347766 A 20031014; DE 502004012032 T 20041013; EP 04791219 A 20041013; ES 04791219 T 20041013; KR 20067006501 A 20060404; PL 04791219 T 20041013; US 57561304 A 20041013