

Title (en)

CLEANING DEVICE AND METHOD FOR CLEANING ARTICLES TO BE CLEANED

Title (de)

REINIGUNGSVORRICHTUNG UND VERFAHREN ZUM REINIGEN VON REINIGUNGSGUT

Title (fr)

DISPOSITIF DE NETTOYAGE ET PROCÉDÉ DE NETTOYAGE D'UN PRODUIT À NETTOYER

Publication

**EP 3579734 B1 20240515 (DE)**

Application

**EP 18704220 A 20180207**

Priority

- DE 102017202055 A 20170209
- EP 2018053066 W 20180207

Abstract (en)

[origin: CA3053210A1] The invention relates to a cleaning device (110) for cleaning articles (116) to be cleaned. The cleaning device (110) comprises at least one cleaning chamber (114) and at least one supplying device (120) for supplying the articles (116) to be cleaned in the cleaning chamber (114) with at least one cleaning fluid. The cleaning device (110) additionally comprises at least one controller (157) which is designed to actuate the cleaning device (110) to carry out at least two operating modes. The controller (157) is additionally designed to detect at least one usage variable. The usage variable characterizes a current usage of the cleaning device (110). The controller (157) is additionally designed to assign at least one weighting to the at least one usage variable. The controller (157) further has at least one counting device (170) which is designed to cumulate cleaning device (110) usage times weighted with the weighting and to generate at least one piece of usage information on the usage of the cleaning device (110) therefrom.

IPC 8 full level

**A47L 15/00** (2006.01); **G07F 17/20** (2006.01)

CPC (source: EP US)

**A47L 15/0018** (2013.01 - EP US); **A47L 15/0076** (2013.01 - EP US); **G07F 17/20** (2013.01 - EP); **G07F 17/20** (2013.01 - US)

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)

**DE 102017202055 A1 20180809**; AU 2018219578 A1 20190912; AU 2018219578 B2 20230518; CA 3053210 A1 20180816;  
CN 110267575 A 20190920; CN 110267575 B 20221230; EP 3579734 A1 20191218; EP 3579734 B1 20240515; JP 2020506777 A 20200305;  
US 10856719 B2 20201208; US 2020000308 A1 20200102; WO 2018146143 A1 20180816

DOCDB simple family (application)

**DE 102017202055 A 20170209**; AU 2018219578 A 20180207; CA 3053210 A 20180207; CN 201880010987 A 20180207;  
EP 18704220 A 20180207; EP 2018053066 W 20180207; JP 2019543098 A 20180207; US 201816484789 A 20180207