

Title (en)
CLEANING DEVICE FOR SMALL ELECTRICAL APPLIANCE

Title (de)
REINIGUNGSVORRICHTUNG FÜR KLEINE ELEKTROGERÄTE

Title (fr)
DISPOSITIF DE NETTOYAGE POUR PETIT APPAREIL ÉLECTRIQUE

Publication
EP 2842449 A4 20150527 (EN)

Application
EP 13780658 A 20130212

Priority
• JP 2012103398 A 20120427
• JP 2013000727 W 20130212

Abstract (en)
[origin: EP2842449A1] It is possible to prevent from disrupting circulation of cleaning liquid, and prevent the cleaning liquid from overflowing a cleaning tray, even when clogging of a filter occurs. A cleaning device includes: the cleaning tray configured to receive a cleaned part of a small electrical appliance; a container for storing the cleaning liquid to be supplied into the cleaning tray during cleaning of the cleaned part; a cleaning-liquid-supply means configured to supply, into the cleaning tray, the cleaning liquid stored in the container; an overflow path through which overflowing liquid of the cleaning liquid supplied into the cleaning tray is returned to the container; and a filter. The overflow path includes: a first overflow path for returning, to the container, the overflowing liquid so as to be filtered by being made to pass through the filter; and a second overflow path for returning, to the container, the overflowing liquid without being made to pass through the filter.

IPC 8 full level
A45D 27/46 (2006.01); **A45D 27/48** (2006.01); **B26B 19/44** (2006.01)

CPC (source: EP)
A45D 27/46 (2013.01); **A45D 27/48** (2013.01)

Citation (search report)
• [A] US 2002078984 A1 20020627 - HOSER JURGEN [DE], et al
• [A] US 2010175723 A1 20100715 - SONE DAISUKE [JP], et al
• [A] US 7316236 B2 20080108 - HOSER JURGEN [DE]
• [A] EP 1897461 A1 20080312 - IZUMI PROD CO [JP]
• See references of WO 2013161140A1

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 2842449 A1 20150304; **EP 2842449 A4 20150527**; **EP 2842449 B1 20170517**; CN 104244770 A 20141224; CN 104244770 B 20161207; JP 2013230212 A 20131114; JP 5942250 B2 20160629; WO 2013161140 A1 20131031

DOCDB simple family (application)
EP 13780658 A 20130212; CN 201380018093 A 20130212; JP 2012103398 A 20120427; JP 2013000727 W 20130212