

Title (en)
SELF-PROPELLED VACUUM CLEANER

Title (de)
SELBSTANGETRIEBENER STAUBSAUGER

Title (fr)
ASPIRATEUR AUTOPROPULSÉ

Publication
EP 3682783 A1 20200722 (EN)

Application
EP 17925240 A 20170913

Priority
JP 2017033010 W 20170913

Abstract (en)
An autonomous vacuum cleaner that can reduce the footprint in a standby state is provided. An autonomous vacuum cleaner (1) includes a vacuum cleaner body (2) and a charging station (6). The charging station (6) has a hook (64) that latches a latched member (16) provided to a rear side of the vacuum cleaner body (2), and a lift driver (61) that raises and lowers the hook (64), and is configured to be capable of storing the vacuum cleaner body (2) in a standing state where the vacuum cleaner body (2) is hoisted and the rear side is oriented upward.

IPC 8 full level
A47L 9/28 (2006.01)

CPC (source: EP US)
A47L 9/0009 (2013.01 - EP); **A47L 9/0063** (2013.01 - US); **A47L 9/28** (2013.01 - EP); **A47L 9/2805** (2013.01 - US); **A47L 9/2852** (2013.01 - US); **A47L 9/2873** (2013.01 - US); **A47L 9/2894** (2013.01 - US); **A47L 9/009** (2013.01 - US); **A47L 2201/02** (2013.01 - EP); **A47L 2201/022** (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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3682783 A1 20200722; **EP 3682783 A4 20210324**; CN 111050617 A 20200421; CN 111050617 B 20210507; JP 7002772 B2 20220120; JP WO2019053801 A1 20200409; JP WO2019054129 A1 20200528; US 2020275815 A1 20200903; WO 2019053801 A1 20190321; WO 2019054129 A1 20190321

DOCDB simple family (application)
EP 17925240 A 20170913; CN 201780094092 A 20170913; JP 2017033010 W 20170913; JP 2018030597 W 20180820; JP 2019541535 A 20170913; JP 2019541960 A 20180820; US 201716645591 A 20170913