

Title (en)

ROTATING CLEANING BODY UNIT, SUCTION MOUTH BODY, AND ELECTRIC CLEANER

Title (de)

ROTIERENDE REINIGUNGSKÖRPEREINHEIT, SAUGMUNDKÖRPER UND ELEKTRISCHER REINIGER

Title (fr)

UNITÉ DE CORPS DE NETTOYAGE ROTATIF, CORPS DE BOUCHE D'ASPIRATION ET APPAREIL DE NETTOYAGE ÉLECTRIQUE

Publication

**EP 2554087 A4 20170412 (EN)**

Application

**EP 10848989 A 20100906**

Priority

- JP 2010079055 A 20100330
- JP 2010065224 W 20100906

Abstract (en)

[origin: WO2011121816A1] Provided are: a rotating cleaning body unit (33) which is provided with a rotating cleaning body using a turbine as the prime mover and which can drive the rotating cleaning body at high torque without reducing the suction power of the electric cleaner; a suction mouth body; and an electric cleaner. The rotating cleaning body unit (33) for the electric cleaner (1) is provided with the turbine (41), a planetary gear mechanism (43) which has a drive shaft connected to the turbine (41), and the rotating cleaning body (44) connected to the driven shaft of the planetary gear mechanism (43).

IPC 8 full level

**A47L 9/04** (2006.01)

CPC (source: EP KR)

**A47L 9/02** (2013.01 - KR); **A47L 9/04** (2013.01 - KR); **A47L 9/0416** (2013.01 - EP); **A47L 9/0438** (2013.01 - EP)

Citation (search report)

- [XA] JP 2002085299 A 20020326 - HITACHI LTD
- [XA] JP H11253371 A 19990921 - HITACHI LTD
- [XA] DE 19522981 A1 19970102 - FEDAG ROMANSHORN FA [CH]
- [XA] US 2078634 A 19370427 - ROBERT KARLSTROM FREDRIK JOHAN
- [XA] US 6134746 A 20001024 - MILLER DANIEL R [US], et al
- See references of WO 2011121816A1

Designated contracting state (EPC)

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