

Title (en)
FAN

Title (de)
VENTILATOR

Title (fr)
VENTILATEUR

Publication
EP 2463596 A1 20120613 (EN)

Application
EP 09848039 A 20090803

Priority
JP 2009063762 W 20090803

Abstract (en)
A blower which comprises an outer box (1) having a sucking inlet and a blowing outlet formed therein; blades for blowing from the sucking inlet to the blowing outlet and a motor for driving the blades, the blades and the motor being housed in the outer box (1); a terminal mount (11) having a fast coupling terminal (10) for electrically connecting a power supply line to the motor to supply electric power to the motor; and a slide mount (24) that slidably supports the terminal mount (11) such that the fast coupling terminal (10) appears from and disappears into an in-and-out opening (1a) made in the outer box (1). The terminal mount (11) slides between a connection work position where a connection place of the fast coupling terminal (10) to the power supply line (17) appears from the in-and-out opening (1b) and a housed position where the fast coupling terminal (10) is housed in the outer box (1). Because the terminal mount (11) appears from and disappears into the in-and-out opening (1b), when connecting the power supply line (17), it is pulled out to the connection work position (D) to make workability good, and after the connection finishes, it is housed at the housed position to make the fire prevention safety measure sufficient.

IPC 8 full level
F24F 7/007 (2006.01)

CPC (source: EP KR)
F04D 25/08 (2013.01 - KR); **F04D 29/522** (2013.01 - KR); **F04D 29/703** (2013.01 - KR); **F24F 7/007** (2013.01 - EP KR);
F24F 11/79 (2017.12 - KR); **F05D 2210/12** (2013.01 - KR); **F05D 2260/31** (2013.01 - KR); **F24F 11/79** (2017.12 - EP);
F24F 2013/205 (2013.01 - KR); **F24F 2013/207** (2013.01 - EP KR); **F24F 2221/14** (2013.01 - EP KR); **F24F 2221/17** (2013.01 - KR)

Citation (search report)
See references of WO 2011016106A1

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
EP 2463596 A1 20120613; CN 102472512 A 20120523; CN 102472512 B 20140910; JP 5335084 B2 20131106;
JP WO2011016106 A1 20130110; KR 101312855 B1 20130930; KR 20120031219 A 20120330; TW 201105911 A 20110216;
TW 201346192 A 20131116; TW I416052 B 20131121; TW I516730 B 20160111; WO 2011016106 A1 20110210

DOCDB simple family (application)
EP 09848039 A 20090803; CN 200980160766 A 20090803; JP 2009063762 W 20090803; JP 2011525706 A 20090803;
KR 20127000560 A 20090803; TW 102128939 A 20090803; TW 98126133 A 20090803