

Title (en)

IMPELLER, AND ELECTRIC BLOWER AND ELECTRIC CLEANER PROVIDED WITH IMPELLER

Title (de)

ANTRIEB, ELEKTRISCHES GEBLÄSE UND ELEKTRISCHER STAUBSAUGER DAMIT

Title (fr)

IMPULSEUR, SOUFFLANTE ÉLECTRIQUE ET APPAREIL ÉLECTRIQUE DE NETTOYAGE MUNIS DE L'IMPULSEUR

Publication

EP 2441962 A4 20130102 (EN)

Application

EP 11791190 A 20110512

Priority

- JP 2011002643 W 20110512
- JP 2010147074 A 20100629

Abstract (en)

[origin: EP2441962A1] An impeller (1) includes a front shroud (20) having a first opening (20a) at its center, a rear shroud (21) placed separately from the front shroud (20) with a space therebetween, multiple blades (22) held by and between the front shroud (20) and the rear shroud (21) and extending from a center toward an outer circumference of the rear shroud (21), and an inducer (23) placed at the center of the rear shroud (21). The inducer (23) includes an upper inducer (24) placed at the front shroud (20) side and a lower inducer (27) place at the rear shroud (21) side.

IPC 8 full level

F04D 17/10 (2006.01); **F04D 29/28** (2006.01)

CPC (source: EP)

F04D 29/282 (2013.01); **F04D 29/285** (2013.01)

Citation (search report)

- [X1] JP H03138493 A 19910612 - MATSUSHITA ELECTRIC IND CO LTD
- [A] US 5478206 A 19951226 - PRAHST EBERHARD [DE]
- [A] JP H09177694 A 19970711 - MATSUSHITA ELECTRIC IND CO LTD
- See references of WO 2012001861A1

Cited by

US10584712B2

Designated contracting state (EPC)

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