

Title (en)

CENTRIFUGAL FAN, AIR-CONDITIONING DEVICE, AND AIR-CLEANING DEVICE

Title (de)

ZENTRIFUGALGEBLÄSE, KLIMAANLAGE UND LUFTREINIGUNGSVORRICHTUNG

Title (fr)

VENTILATEUR CENTRIFUGE, DISPOSITIF DE CLIMATISATION, ET DISPOSITIF AUTO-NETTOYANT

Publication

EP 3093500 A1 20161116 (EN)

Application

EP 14878132 A 20140110

Priority

JP 2014050337 W 20140110

Abstract (en)

Provided is a centrifugal fan (3), including: a main plate (3b) ; a shroud (3g) ; and a plurality of blades (3a). The main plate (3b) includes a base (3cd), a hub (3c), and a guide portion (51). The hub (3c) projects toward the shroud (3g) in a central portion of the main plate (3cd). The base (3cd) is positioned on a periphery of the hub (3c). The guide portion (51) is positioned outside the hub (3c). The guide portion (51) includes a rotating wall (30) and an induction portion (31). The rotating wall (30) extends to be inclined with respect to a direction in which the base (3cd) extends when viewed in vertical section. The induction portion (31) is formed on an outer surface of the guide portion (51) on an upstream side of the rotating wall (30).

IPC 8 full level

F04D 29/58 (2006.01); **F04D 29/28** (2006.01)

CPC (source: EP)

F04D 17/16 (2013.01); **F04D 25/082** (2013.01); **F04D 29/281** (2013.01); **F04D 29/5806** (2013.01); **F04D 29/684** (2013.01); **F04D 25/12** (2013.01)

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Designated extension state (EPC)

BA ME

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