

Title (en)

INDOOR UNIT FOR AIR-CONDITIONING DEVICE

Title (de)

INNENRAUMEINHEIT FÜR EINE KLIMAANLAGENVORRICHTUNG

Title (fr)

UNITÉ INTÉRIEURE DESTINÉE À UN DISPOSITIF DE CLIMATISATION

Publication

EP 3015775 A1 20160504 (EN)

Application

EP 14816588 A 20140625

Priority

- JP 2013067849 W 20130628
- JP 2014066863 W 20140625

Abstract (en)

Provided is an indoor unit (100) including: a main body (1) including an air inlet (2) and an air outlet (3); and a cross-flow fan (8) including an impeller (8a), in which the impeller includes a plurality of blades (8c), in which the blades each include a step (16) formed on a suction surface (13b) or a pressure surface (13a), in which the step is formed so that a fan inner peripheral-side part is further projected than a fan outer peripheral-side part, and in which the step is formed so as to extend obliquely with respect to a rotation axis of the impeller, to thereby vary in height over a direction of the rotation axis of the impeller.

IPC 8 full level

F04D 29/28 (2006.01); **F04D 29/30** (2006.01); **F04D 29/66** (2006.01); **F24F 1/00** (2011.01)

CPC (source: EP)

F04D 17/04 (2013.01); **F04D 29/283** (2013.01); **F04D 29/30** (2013.01); **F04D 29/66** (2013.01); **F24F 1/0022** (2013.01)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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