

Title (en)

INDOOR UNIT FOR AIR-CONDITIONING DEVICE

Title (de)

INNENRAUMEINHEIT FÜR EINE KLIMAAANLAGENVORRICHTUNG

Title (fr)

UNITÉ INTÉRIEURE DESTINÉE À UN DISPOSITIF DE CLIMATISATION

Publication

EP 3015775 A4 20170222 (EN)

Application

EP 14816588 A 20140625

Priority

- JP 2013067849 W 20130628
- JP 2014066863 W 20140625

Abstract (en)

[origin: EP3015775A1] 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

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

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)

Citation (search report)

- [A] US 2013101408 A1 20130425 - SHIRAICHI YUKISHIGE [JP], et al
- [A] US 2012325442 A1 20121227 - IKEDA TAKASHI [JP], et al
- See references of WO 2014208608A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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