

Title (en)
AIR-CONDITIONING UNIT

Title (de)
KLIMAAANLAGENEINHEIT

Title (fr)
UNITÉ DE CLIMATISATION

Publication
EP 3141827 A1 20170315 (EN)

Application
EP 14891486 A 20140509

Priority
JP 2014062482 W 20140509

Abstract (en)
In an air-conditioning unit, a heat exchanger is arranged at a position shifted relative to a fan in an axial direction of the fan. Further, the heat exchanger is arranged on an imaginary setting plane surrounding the axis of the fan. Further, the heat exchanger is segmented into a plurality of heat exchange sections that are present respectively in a plurality of regions arrayed in the axial direction of the fan. Assuming that a direction along the imaginary setting plane on a plane perpendicular to the axis of the fan is a peripheral direction of the imaginary setting plane, among lengths of the plurality of heat exchange sections along the peripheral direction of the imaginary setting plane, a length of the heat exchange section that is present in a region closer to the fan is longer.

IPC 8 full level
F24F 1/50 (2011.01)

CPC (source: EP)
F24F 1/16 (2013.01); **F24F 1/18** (2013.01); **F24F 1/50** (2013.01)

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EP 3141827 A1 20170315; **EP 3141827 A4 20180425**; **EP 3141827 B1 20200916**; JP 6095036 B2 20170315; JP WO2015170402 A1 20170420; WO 2015170402 A1 20151112

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EP 14891486 A 20140509; JP 2014062482 W 20140509; JP 2016517778 A 20140509