

Title (en)
CEILING-EMBEDDED INDOOR UNIT AND AIR-CONDITIONING DEVICE

Title (de)
DECKENEINGEBAUTE INNENEINHEIT UND KLIMAAANLAGE

Title (fr)
UNITÉ INTÉRIEURE ENCASTRÉE AU PLAFOND ET DISPOSITIF DE CLIMATISATION

Publication
EP 3961111 A4 20220629 (EN)

Application
EP 20823586 A 20200413

Priority
• JP 2019111447 A 20190614
• JP 2020016327 W 20200413

Abstract (en)
[origin: EP3961111A1] A blow-out port (51, 52) that supplies air to an air conditioning target space (5) is formed in a panel (50). An intake port (46, 47) in which air is taken is formed in a casing body (40a). At least a part of each of the blow-out port (51, 52), a fan (32), and a heat exchanger (33) overlap each other in an up-and-down direction.

IPC 8 full level
F24F 1/0047 (2019.01); **F24F 1/0007** (2019.01); **F24F 1/0011** (2019.01); **F24F 1/0025** (2019.01); **F24F 1/0035** (2019.01); **F24F 1/0063** (2019.01); **F24F 3/06** (2006.01); **F24F 13/20** (2006.01); **F24F 13/30** (2006.01)

CPC (source: EP)
F24F 1/00075 (2019.01); **F24F 1/0011** (2013.01); **F24F 1/0025** (2013.01); **F24F 1/0035** (2019.01); **F24F 1/0047** (2019.01); **F24F 1/0063** (2019.01); **F24F 13/20** (2013.01); **F24F 1/0073** (2019.01); **F24F 3/065** (2013.01); **F24F 13/30** (2013.01)

Citation (search report)
• [X1] CN 106287968 A 20170104 - NINGBO AUX ELECTRIC CO LTD
• [X1] CN 105928067 A 20160907 - NINGBO AUX AIR CONDITIONING CO
• [YD] JP 2010164294 A 20100729 - DAIKIN IND LTD
• [Y] CN 102748814 A 20121024 - LIYOU LI
• [Y] JP 2002276992 A 20020925 - MITSUBISHI ELECTRIC CORP
• [Y] JP 2006194555 A 20060727 - MATSUSHITA ELECTRIC IND CO LTD
• See references of WO 2020250563A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3961111 A1 20220302; EP 3961111 A4 20220629; AU 2020290178 A1 20211216; AU 2020290178 B2 20221215; JP 2020204421 A 20201224; JP 7348481 B2 20230921; WO 2020250563 A1 20201217

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EP 20823586 A 20200413; AU 2020290178 A 20200413; JP 2019111447 A 20190614; JP 2020016327 W 20200413