

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 3985323 A4 20220803 (EN)

Application
EP 20827831 A 20200603

Priority
• JP 2019112048 A 20190617
• JP 2020021947 W 20200603

Abstract (en)
[origin: EP3985323A1] An air conditioner includes a stabilizer and a rear guider that are respectively disposed on a front side and a rear side of an outer peripheral portion of cross flow fan (103), and constitute a first air path. The rear guider has rear guider flange portion (106a) disposed between rear heat exchanger (104b) and cross flow fan (103), and first surface (110a) of rear guider flange portion (106a) and rear heat exchanger (104b) constitute second air path (109). In the second air path, a distance between first surface (110a) and rear heat exchanger (104b) at a closest portion at which first surface (110a) and rear heat exchanger (104b) are closest to each other is equal to or shorter than a distance between first surface (110a) and rear heat exchanger (104b) at a portion above the closest portion of second air path (109).

IPC 8 full level
F24F 13/20 (2006.01); **F24F 1/0011** (2019.01); **F24F 1/0025** (2019.01); **F24F 1/0063** (2019.01); **F24F 13/22** (2006.01)

CPC (source: CN EP)
F24F 1/0011 (2013.01 - EP); **F24F 1/0025** (2013.01 - EP); **F24F 1/0063** (2019.01 - EP); **F24F 13/08** (2013.01 - CN); **F24F 13/22** (2013.01 - EP); **F24F 13/20** (2013.01 - EP)

Citation (search report)
• [X] JP 2001090689 A 20010403 - DAIKIN IND LTD
• [XY] JP H10205798 A 19980804 - MATSUSHITA ELECTRIC IND CO LTD
• [XY] EP 1712798 A1 20061018 - MITSUBISHI ELECTRIC CORP [JP]
• [X] US 2012111045 A1 20120510 - IKEDA TAKASHI [JP], et al
• [X] EP 1245907 A2 20021002 - MITSUBISHI HEAVY IND LTD [JP]
• [X] EP 3214378 A1 20170906 - MITSUBISHI ELECTRIC CORP [JP]
• See references of WO 2020255717A1

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 3985323 A1 20220420; **EP 3985323 A4 20220803**; CN 113439187 A 20210924; CN 113439187 B 20221108; JP 2020204430 A 20201224; WO 2020255717 A1 20201224

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EP 20827831 A 20200603; CN 202080014923 A 20200603; JP 2019112048 A 20190617; JP 2020021947 W 20200603