

Title (en)
INDOOR MACHINE OF AIR CONDITIONER

Title (de)
INNENRAUMEINHEIT EINER KLIMAANLAGE

Title (fr)
MACHINE INTERIEURE D UN CLIMATISEUR

Publication
EP 1962026 A4 20110525 (EN)

Application
EP 06822220 A 20061025

Priority
• JP 2006321243 W 20061025
• JP 2005317611 A 20051031

Abstract (en)
[origin: EP1962026A1] To provide an indoor unit of an air conditioner whose productivity can be improved. An indoor unit of an air conditioner is disposed with an indoor heat exchanger, a cross-flow fan, an added functional unit (25) and a shield member (24). The indoor heat exchanger has a curved shape. The cross-flow fan generates a flow of air that passes through the indoor heat exchanger and is blown out indoors. The added functional unit (25) is disposed on an upstream side of the indoor heat exchanger and is fixed to the indoor heat exchanger or to a member that becomes integral with the indoor heat exchanger. The shield member (24) is integrated with the added functional unit (25) and covers a curved portion of the indoor heat exchanger from the upstream side.

IPC 8 full level
F24F 1/0059 (2019.01); **F24F 1/0057** (2019.01); **F24F 1/0063** (2019.01); **F24F 1/0067** (2019.01); **F24F 8/30** (2021.01); **F24F 13/20** (2006.01)

CPC (source: EP US)
F24F 1/0057 (2019.01 - EP US); **F24F 1/0059** (2013.01 - US); **F24F 1/0063** (2019.01 - EP US); **F24F 1/0067** (2019.01 - EP US); **F24F 8/30** (2021.01 - EP US)

Citation (search report)
• [X] JP 2001248855 A 20010914 - FUJITSU GENERAL LTD
• [X] WO 9911983 A1 19990311 - TOSHIBA KK [JP]
• [A] EP 1460348 A1 20040922 - MITSUBISHI HEAVY IND LTD [JP]
• [A] EP 1079184 A2 20010228 - FUJITSU GENERAL LTD [JP]
• [AD] JP 2004156891 A 20040603 - DAIKIN IND LTD
• See references of WO 2007052509A1

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EP3012541A3; US2013035028A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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EP 06822220 A 20061025; JP 2005317611 A 20051031; JP 2006321243 W 20061025