

Title (en)
Indoor unit for air conditioner

Title (de)
Innenraumeinheit für eine Klimaanlage

Title (fr)
Unité d'intérieur pour climatiseur

Publication
EP 1837607 A3 20090715 (EN)

Application
EP 06256070 A 20061128

Priority
• KR 20060025449 A 20060320
• KR 20060025450 A 20060320

Abstract (en)
[origin: EP1837607A2] An indoor unit (100) for an air conditioner includes a front frame (130), a front panel (160) pivotally coupled to the front frame (130), one or more coupling ribs (220) provided on a side of the front panel to function as a pivot shaft of the front panel, and a supporting link (222) for maintaining an opened state of the front panel (160) from the front frame (130).

IPC 8 full level
F24F 1/0057 (2019.01); **F24F 1/0063** (2019.01); **F24F 1/0073** (2019.01); **F24F 13/20** (2006.01)

CPC (source: EP US)
F24F 1/0057 (2019.01 - EP US); **F24F 1/0063** (2019.01 - EP US); **F24F 1/0073** (2019.01 - EP US); **F24F 13/20** (2013.01 - EP)

Citation (search report)
• [XA] WO 03014628 A2 20030220 - LG ELECTRONICS INC [KR], et al
• [XA] JP 2000111082 A 20000418 - FUJITSU GENERAL LTD
• [A] EP 1630481 A2 20060301 - SANYO ELECTRIC CO [JP], et al
• [X] US 5575326 A 19961119 - ASAMI YASUTOSHI [JP], et al
• [X] JP H04106331 A 19920408 - SANYO ELECTRIC CO
• [A] KR 20040041444 A 20040517 - SAMSUNG ELECTRONICS CO LTD

Cited by
US10047972B2; EP2759781A1; EP2857763A1; EP2527758A4; US2015090429A1; EP3015783A3; JP2017146046A; US10203124B2; US10197298B2; US10203150B2; WO2017141839A1

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

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1837607 A2 20070926; EP 1837607 A3 20090715; EP 1837607 B1 20170517; ES 2627418 T3 20170728; WO 2007108584 A1 20070927

DOCDB simple family (application)
EP 06256070 A 20061128; ES 06256070 T 20061128; KR 2006004753 W 20061113