

Title (en)
INDOOR UNIT FOR AIR CONDITIONER

Title (de)
INNENEINHEIT FÜR EINE KLIMAANLAGE

Title (fr)
UNITÉ D'INTÉRIEUR POUR UN APPAREIL DE CONDITIONNEMENT D'AIR

Publication
EP 2829816 B1 20200506 (EN)

Application
EP 13746566 A 20130130

Priority
• JP 2012026824 A 20120210
• JP 2013000496 W 20130130

Abstract (en)
[origin: EP2829816A1] An indoor unit (2) for an air conditioner (1) includes: a drain pan (50) having a drain receiver (52) that is extended along a heat exchanger (10) and that receives, at the lower side of the heat exchanger, water generated on a surface of the heat exchanger (10); and a partition wall (54) that is erected to be in contact with the heat exchanger (10) from a lower side and that partitions the drain receiver (52) into a primary side and a secondary side so as to form an inner groove (56) which receives the water on the primary side and an outer groove (58) which receives the water on the upstream side. A bottom of the outer groove (58) and a bottom of the inner groove (56) have respectively inclinations which are descending slopes where the water flows toward a drain pump (60). An average inclination angle of the bottom of the outer groove (58) is larger than an inclination angle of the bottom of the inner groove (56).

IPC 8 full level
F24F 13/22 (2006.01); **F24F 1/0007** (2019.01); **F24F 1/0047** (2019.01); **F24F 1/0063** (2019.01); **F24F 1/0073** (2019.01); **F24F 13/30** (2006.01)

CPC (source: EP US)
F24F 1/0047 (2019.01 - EP US); **F24F 1/0063** (2019.01 - EP US); **F24F 1/0073** (2019.01 - EP US); **F24F 13/222** (2013.01 - EP US); **F24F 13/30** (2013.01 - EP)

Cited by
EP3524898A4

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

DOCDB simple family (publication)
EP 2829816 A1 20150128; **EP 2829816 A4 20160106**; **EP 2829816 B1 20200506**; CN 104114953 A 20141022; CN 104114953 B 20150805; JP 2013164185 A 20130822; JP 5382153 B2 20140108; WO 2013118464 A1 20130815

DOCDB simple family (application)
EP 13746566 A 20130130; CN 201380008794 A 20130130; JP 2012026824 A 20120210; JP 2013000496 W 20130130