

Title (en)
CEILING-MOUNTED AIR-CONDITIONER INDOOR-UNIT SYSTEM

Title (de)
DECKENMONTIERTES KLIMAAANLAGENINNENSYSYSTEM

Title (fr)
SYSTÈME CLIMATISEUR À UNITÉ D'ENVIRONNEMENT INTÉRIEUR MONTÉE SUR PLAFOND

Publication
EP 3078917 A4 20180124 (EN)

Application
EP 14867097 A 20140721

Priority
• CN 201310646597 A 20131204
• CN 2014082646 W 20140721

Abstract (en)
[origin: EP3078917A1] The disclosure discloses a ceiling-type air-conditioner indoor unit system. An indoor unit (10) is provided in a ceiling (20). The system further includes: a return air inlet (30), provided on a side surface of the ceiling (20); and an air outlet (40), provided on a bottom surface of the ceiling (20). A closeable return air inlet apparatus (31) is provided at the return air inlet (30), and a closeable air outlet apparatus (41) is provided at the air outlet (40).

IPC 8 full level
F24F 1/0073 (2019.01); **F24F 13/06** (2006.01)

CPC (source: CN EP US)
F24F 1/0025 (2013.01 - EP); **F24F 1/0047** (2019.01 - CN EP); **F24F 1/0073** (2019.01 - CN EP US); **F24F 13/06** (2013.01 - CN EP)

Citation (search report)
• [XAY] WO 02086393 A1 20021031 - LG ELECTRONICS INC [KR], et al
• [Y] KR 20120017876 A 20120229 - PARK HUI SUNG [KR], et al
• [I] EP 2381182 A2 20111026 - LG ELECTRONICS INC [KR]
• [I] US 5787717 A 19980804 - BANG YONG-WOONG [KR]
• [X] EP 1953461 A1 20080806 - LG ELECTRONICS INC [KR]
• [Y] US 5094586 A 19920310 - TAKADA YOSHIRO [JP], et al
• [Y] EP 2402669 A2 20120104 - SANYO ELECTRIC CO [JP]
• [Y] JP S62218743 A 19870926 - MATSUSHITA ELECTRIC IND CO LTD
• See references of WO 2015081704A1

Cited by
EP3832215A1; CN112902349A; WO2020130796A1; EP3832215B1

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 3078917 A1 20161012; EP 3078917 A4 20180124; EP 3078917 B1 20200930; AU 2014360043 A1 20160721; AU 2018250394 A1 20181108; AU 2018250394 B2 20201022; CN 104697041 A 20150610; CN 104697041 B 20180918; ES 2837859 T3 20210701; WO 2015081704 A1 20150611

DOCDB simple family (application)
EP 14867097 A 20140721; AU 2014360043 A 20140721; AU 2018250394 A 20181016; CN 201310646597 A 20131204; CN 2014082646 W 20140721; ES 14867097 T 20140721