

Title (en)
AIR-COOLED CHILLER

Title (de)
LUFTGEKÜHLTER KÜHLER

Title (fr)
REFROIDISSEUR À REFROIDISSEMENT PAR AIR

Publication
EP 3447394 A4 20190626 (EN)

Application
EP 17860477 A 20170906

Priority
• JP 2016203001 A 20161014
• JP 2017032084 W 20170906

Abstract (en)
[origin: EP3447394A1] The present invention comprises the following: a baffle plate (15) that is provided on a bottom end (12a) of a heat exchange chamber (12), and that is inclined downward toward both ends (15A) from the center (15C) thereof; and a pair of drain pans (17) that are disposed so as to extend in the Y direction between a machine chamber (11) and the heat exchange chamber (12) and that can accommodate drained water that drips from the width-direction ends (15A) of the baffle plate (15). The pair of drain pans (17) are separated in the width direction of the drain pans (17).

IPC 8 full level
F24F 1/16 (2011.01); **F24F 1/18** (2011.01); **F24F 1/36** (2011.01); **F24F 1/46** (2011.01); **F24F 13/22** (2006.01); **F24F 13/30** (2006.01)

CPC (source: EP KR)
F24F 1/18 (2013.01 - KR); **F24F 1/36** (2013.01 - EP KR); **F24F 1/46** (2013.01 - EP); **F24F 13/22** (2013.01 - EP KR); **F24F 1/16** (2013.01 - EP); **F24F 1/18** (2013.01 - EP); **F24F 13/30** (2013.01 - EP)

Citation (search report)
• [XY] CN 105066521 A 20151118 - GUANGDONG PHNIX ECO ENERGY SOLUTION LTD
• [Y] JP 2000283492 A 20001013 - SANYO ELECTRIC CO
• [Y] JP S5956065 A 19840331 - MATSUSHITA SEIKO KK
• [Y] JP H01167527 U 19891124
• [Y] JP H0694263 A 19940405 - HITACHI LTD
• [Y] JP S578479 U 19820116
• [Y] JP H09229423 A 19970905 - SANYO ELECTRIC CO
• [Y] CN 204141754 U 20150204 - BRIGHT AIR CONDITIONING CO LTD
• [A] JP 3201252 U 20151203
• [AD] WO 2011099629 A1 20110818 - TOSHIBA CARRIER CORP [JP], et al
• See references of WO 2018070143A1

Cited by
EP4012295A4

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 3447394 A1 20190227; **EP 3447394 A4 20190626**; CN 109312936 A 20190205; JP 2018063101 A 20180419; KR 20180135010 A 20181219; WO 2018070143 A1 20180419

DOCDB simple family (application)
EP 17860477 A 20170906; CN 201780030607 A 20170906; JP 2016203001 A 20161014; JP 2017032084 W 20170906; KR 20187033282 A 20170906