

Title (en)
AIR CONDITIONING SYSTEM

Title (de)
KLIMAANLAGENSYSYSTEM

Title (fr)
SYSTÈME DE CLIMATISATION

Publication
EP 3141824 A4 20171227 (EN)

Application
EP 14835685 A 20141226

Priority
• JP 2014097916 A 20140509
• JP 2014084498 W 20141226

Abstract (en)
[origin: US2016047577A1] [Problem] To provide an air conditioning system which includes a convective indoor machine and a radiant indoor machine to prevent separation of lubricating oil in refrigerant and consequently prevent damage to a compressor, and can prevent lowering in reliability of the compressor. [Solution] The air conditioning system includes: an air conditioner having a compressor 3, an outdoor heat exchanger 4, an expansion valve 5, a convective indoor machine 2 and a refrigerant piping connecting them; and a radiant indoor machine 10 which is arranged between the convective indoor machine 2 and the compressor 3 and has a refrigerant pipe having an inner diameter smaller than that of the refrigerant piping.

IPC 8 full level
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Citation (search report)
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• [A] WO 2011006858 A1 20110120 - TERMAL SRL [IT], et al
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• [A] JP H11316067 A 19991116 - MATSUSHITA ELECTRIC IND CO LTD
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Designated contracting state (EPC)
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US 2016047577 A1 20160218; AU 2014393532 A1 20170105; AU 2014393532 B2 20180927; CN 105264296 A 20160120; EP 3141824 A1 20170315; EP 3141824 A4 20171227; EP 3141824 B1 20200916; HK 1218949 A1 20170317; JP 6304783 B2 20180404; JP WO2015170431 A1 20170525; MY 184976 A 20210430; PH 12015500378 A1 20150928; PH 12015500378 B1 20150928; SG 11201501227W A 20151230; WO 2015170431 A1 20151112

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