

Title (en)
HEAT EXCHANGER FOR AN AIR CONDITIONER AND AN AIR CONDITIONER HAVING THE SAME

Title (de)
WÄRMETAUSCHER FÜR EINE KLIMAANLAGE UND KLIMAANLAGE DAMIT

Title (fr)
ÉCHANGEUR THERMIQUE DESTINÉ À UN CLIMATISEUR ET CLIMATISEUR LE COMPORTANT

Publication
EP 2941614 A4 20161116 (EN)

Application
EP 13887219 A 20131206

Priority
• KR 20130069690 A 20130618
• KR 2013011297 W 20131206

Abstract (en)
[origin: WO2014204066A1] A heat exchanger for an air conditioner and an air conditioner having the same are provided. The heat exchanger may include at least one heat exchange device, the heat exchange device comprising a lower header provided therein with a lower flow path; an upper header provided therein with an upper flow path; and a plurality of flat tubes provided therein with a plurality of flow paths that communicates with the lower flow path and the upper flow path. The upper flow path may be partitioned into a first lower flow path with which a portion of the plurality of flat tubes may communicate, and a second lower flow path with which a remaining portion of the plurality of flat tubes may communicate. Each of an internal sectional area of the upper header and an internal sectional area of the lower header may be 0.7 times or more as large as a sum of sectional areas of flow paths in the plurality of flat tubes forming one path.

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Citation (search report)
• [A] US 2011139413 A1 20110616 - COYLE BRIAN J [US], et al
• [A] US 2011303401 A1 20111215 - KAMOSHIDA OSAMU [JP], et al
• [A] US 2011100614 A1 20110505 - OH KWANG HUN [KR], et al
• [A] EP 0710811 A2 19960508 - NIPPON DENSO CO [JP]
• See references of WO 2014204066A1

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