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 B1 20180530 (EN)

Application
EP 13887219 A 20131206

Priority
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• 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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