

Title (en)

HEAT TRANSFER ELEMENT AND METHOD FOR MANUFACTURING HEAT TRANSFER ELEMENT

Title (de)

WÄRMEÜBERTRAGUNGSELEMENT UND VERFAHREN ZUR HERSTELLUNG EINES WÄRMEÜBERTRAGUNGSELEMENTS

Title (fr)

ÉLÉMENT DE TRANSFERT DE CHALEUR ET PROCÉDÉ DE FABRICATION D'ÉLÉMENT DE TRANSFERT DE CHALEUR

Publication

EP 3273196 A4 20181107 (EN)

Application

EP 15885455 A 20150318

Priority

JP 2015058127 W 20150318

Abstract (en)

[origin: EP3273196A1] A heat exchange element (1) includes an opposing flow-path portion (13); a first flow-path separator portion (14); and a second flow-path separator portion (15), each of which is formed by alternately stacking a plurality of partition plates (2) and a plurality of spacing plates (3) having a corrugated shape in cross section. In the opposing flow-path portion (13), the spacing plates (3) are disposed in such a manner that peaks of the corrugated shape extend parallel to each other when viewed in a direction in which the partition plates (2) and the spacing plates (3) are stacked, and a first flow path and a second flow path are formed alternately with the partition plate (2) interposed between the first and second flow paths. The first flow-path separator portion (14) and the second flow-path separator portion (15) separate air that flows through the first flow path and air that flows through the second flow path from each other in different directions. Each partition plate (2) of the opposing flow-path portion (13) and each partition plate (2) of the first flow-path separator portion (14) are joined with a tape (7). Each partition plate (2) of the opposing flow-path portion (13) and each partition plate (2) of the second flow-path separator portion (15) are joined with the tape (7).

IPC 8 full level

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- No further relevant documents disclosed
- See references of WO 2016147359A1

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