

Title (en)

Side plate and heat exchanger comprising side plates

Title (de)

Seitenteil und Wärmetauscher mit Seitenteilen

Title (fr)

Joue et échangeur de chaleur muni de joues

Publication

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Application

EP 10182795 A 20050719

Priority

- EP 05790898 A 20050719
- FR 0408018 A 20040720

Abstract (en)

[origin: WO2006018498A1] The invention relates to a heat exchanger which is intended, for example, for a motor vehicle and which comprises a tube bundle (2) and spacers which are positioned between the tubes of the bundle in order to promote the exchange of heat. The bundle is defined by two end spacers (70, 71). The inventive exchanger also comprises two collector plates through which the ends of the bundle are intended to pass and at least one flange (50, 51) which is disposed on one of the end spacers. Advantageously, the flange comprises at least one expansion zone (80) in order to compensate for the longitudinal expansions thereof, while the transverse section of the flange in the expansion zone is essentially U shaped.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [A] WO 03085348 A1 20031016 - BEHR GMBH & CO [DE], et al
- [A] EP 1065464 A1 20010103 - FORD MOTOR CO [US]
- [A] DE 19753408 A1 19990610 - BEHR GMBH & CO [DE]
- [A] EP 0748995 A2 19961218 - FORD MOTOR CO [GB], et al
- [AD] EP 1001241 A2 20000517 - VALEO INC [US]

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DOCDB simple family (publication)

FR 2873434 A1 20060127; **FR 2873434 B1 20171229**; CN 100513979 C 20090715; CN 101014822 A 20070808; EP 1769209 A1 20070404; EP 1769209 B1 20130522; EP 2282155 A2 20110209; EP 2282155 A3 20130522; JP 2008506924 A 20080306; JP 4966852 B2 20120704; PL 1769209 T3 20131129; US 2008169090 A1 20080717; US 8136579 B2 20120320; WO 2006018498 A1 20060223

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