

Title (en)
LAMINATED HEAT EXCHANGER

Publication
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Application
EP 91916786 A 19910927

Priority
• JP 9101292 W 19910927
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Abstract (en)
[origin: EP0730134A2] A layer-built heat exchanger in which channels are formed by dividers in the first-side plate 32 and second-side plate 33, and a seal plate 3 is interposed between the first-and second-side plates. The first-side plate 32 and second-side plate 33 are positioned relative to each other such that the dividers 35 of the second-side plate 33 are in line with the channels 11 of the first-side plate 32, and the dividers 34 of the first-side plate 32 are in line with the channels 17 of the second-side plate 33, thus preventing deformation of the seal plate 3 due to a high differential pressure between the coolants flowing through the channels of the first- and second-side plates. The corners of the first-side plate 32, second-side plate 33, and seal plate 3 are also shaped differently so that omission of one of the component plates can be easily confirmed.

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Citation (search report)
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• [A] PATENT ABSTRACTS OF JAPAN vol. 11, no. 221 (M - 608) 17 July 1987 (1987-07-17)
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