

Title (en)
Plate heat exchanger.

Title (de)
Plattenwärmetauscher.

Title (fr)
Echangeur de chaleur à plaques.

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Application
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Abstract (en)
A plate-type heat exchanger, wherein, to induce turbulent flow condition in the circulating fluids, instead of the known, expensive corrugated plates, flat plates (1) are used in combination with discontinuous baffles (12) interposed between two contiguous plates. In particular, the discontinuous baffle (12) consists of a metal wire-net that, after mounting, is partly in contact with the surfaces of two facing plates. The plate-type exchanger according to the invention is appreciably less expensive than the corresponding presently available plate-type exchangers.

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IPC 8 full level
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Cited by
US2016025422A1; EP0183008A1; CN105783561A; NL1027640C2; US7032654B2; EP2977702A1; US6968892B1; US6994155B2; WO9966280A1; WO0177602A1; WO0140730A1

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