

Title (en)
PLATE-TYPE HEAT EXCHANGER.

Title (de)
PLATTENFÖRMIGER WÄRMETAUSCHER.

Title (fr)
ECHANGEUR DE CHALEUR A PLAQUES.

Publication
EP 0390917 A1 19901010 (DE)

Application
EP 88906214 A 19880317

Priority
SU 8800055 W 19880317

Abstract (en)
A plate-type heat exchanger comprises sections (1, 2, 3) in each of which the heat-conducting plates form the first slotted channels (7, 9) for the passage of a fluid agent and the second slotted channels (10, 12) oriented perpendicularly to the first ones and serving for the passage of another fluid agent. Between the first slotted channels (7, 9) of the sections (1, 2, 3) is mounted an intermediate collector (29, 39) connected with them. The first slotted channels (7) of one section (1) are oriented at an angle in relation to the first slotted channels of the other section (2) at their projection on to a plane perpendicular to the first slotted channels.

Abstract (fr)
L'échangeur de chaleur à plaques décrit comporte des sections (1, 2, 3) dans chacune desquelles les plaques thermoconductrices forment les premiers canaux rainurés (7, 9) servant au passage d'un agent fluide et les seconds canaux rainurés (10, 12) orientés perpendiculairement aux premiers canaux et servant au passage d'un autre agent fluide. Entre les premiers canaux rainurés (7, 9) des sections (1, 2, 3) est installé un collecteur intermédiaire (29, 39) relié à eux. Les premiers canaux rainurés (7) de l'une des sections (1) sont orientés selon un angle par rapport aux premiers canaux rainurés de l'autre section (2) au niveau de leur projection sur un plan perpendiculaire aux premiers canaux rainurés.

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F28D 9/02

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