

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.

IPC 1-7  
**F28D 9/02**

IPC 8 full level  
**F28D 7/16** (2006.01); **F28D 9/00** (2006.01)

CPC (source: EP)  
**F28D 9/0062** (2013.01)

Designated contracting state (EPC)  
AT BE DE FR GB IT SE

DOCDB simple family (publication)  
**WO 8908814 A1 19890921**; BR 8807528 A 19900731; DK 573889 A 19900112; DK 573889 D0 19891116; EP 0390917 A1 19901010; EP 0390917 A4 19900716; FI 895457 A0 19891116; JP H02504422 A 19901213; NO 894572 D0 19891116; NO 894572 L 19891116

DOCDB simple family (application)  
**SU 8800055 W 19880317**; BR 8807528 A 19880317; DK 573889 A 19891116; EP 88906214 A 19880317; FI 895457 A 19891116; JP 50559088 A 19880317; NO 894572 A 19891116