

Title (en)

A PLATE HEAT EXCHANGER WITH A CONNECTION MEMBER

Title (de)

PLATTENWÄRMETAUSCHER MIT VERBINDUNGSELEMENT

Title (fr)

ECHANGEUR THERMIQUE A PLATEAUX DOTE D'UN ELEMENT DE RACCORDEMENT

Publication

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Application

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Abstract (en)

[origin: WO9946549A1] The invention relates to a permanently joined plate heat exchanger with plates provided with port openings. The heat exchanger comprises at least one connection member in the form of a connection block (17, 18) for connection to an in- or outlet conduit. Said connection block is provided with at least two through-holes and is connected to an outer heat transfer plate in, or an end plate permanently joined with, the plate pack by means of a permanent joint. At least one of the through-holes in the block is internally threaded. The permanent joint is formed such that it extends around at least both of the through-holes (19, 20, 21, 22) for forming a connection between the connection block (17, 18) and the outer heat transfer plate or end plate that is resistant to torsional stress. Thereby, connecting devices provided with external threads can be screwed to the plate heat exchanger without rupturing the permanent joint.

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