Title (en)

    A METHOD OF PRODUCING A PLATE HEAT EXCHANGER; AND A PLATE HEAT EXCHANGER

Title (de)

    PLATTENWÄRMETAUSCHERHERSTELLUNGSVERFAHREN UND PLATTENWÄRMETAUSCHER

Title (fr)

    ECHANGEUR THERMIQUE A PLAQUES ET SON PROCEDE DE FABRICATION

Publication

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Application

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Priority

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Abstract (en)

    [origin: WO0000310A1] The plate heat exchanger according to the invention comprises heat transfer plates, which are provided with so called port holes and are permanently joined through brazing to a plate package, the port holes forming port channels through the plate package, an end plate (16), which is permanently connected with an outer heat transfer plate in the plate package and provided with at least one opening (28, 29) communicating with one of the said port channels, and a connection plate (18), which is permanently connected with the end plate (16) and adapted for connection of the plate heat exchanger to a conduit constituting an inlet or outlet for a heat exchange fluid. The connection plate (18) is provided with a through hole (21, 22) and this hole and the opening (28, 29) in the end plate (16) form respective parts of a connection channel. A guiding member, preferably in the form of a sleeve (30, 31), extends in the said connection channel. The sleeve (30, 31) around its periphery is fluid-tightly connected with at least one of the end plate (16) and the connection plate (18). The invention also concerns a method of producing a plate heat exchanger, according to which the guiding member fixes the connection plate (18) in relation to the end plate (16) during the brazing of the plate heat exchanger.

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