

Title (en)

FRAME ARRANGEMENT FOR A PLATE HEAT EXCHANGER

Title (de)

RAHMENANORDNUNG FÜR PLATTENWÄRMETAUSCHER

Title (fr)

AGENCEMENT DE CADRE DESTINE A UN ECHANGEUR DE CHALEUR A PLAQUES

Publication

EP 1027571 B1 20021211 (EN)

Application

EP 98951877 A 19981027

Priority

- SE 9801934 W 19981027
- SE 9703993 A 19971030

Abstract (en)

[origin: WO9923434A1] The invention concerns a plate heat exchanger comprising a frame plate (1a), a pressure plate (1b) and a core of heat transferring plates placed between the frame plate (1a) and the pressure plate (1b). A plurality of threaded tie bars (3) extend between the frame plate (1a) and the pressure plate (1b) and are arranged, with the aid of nuts (6) or the like, to hold these plates at a desired distance from each other in order to hold the core of heat transferring plates together. The plate heat exchanger is among other things characterized by that at least one of the threaded tie bars (3) creates a guiding element (3) for the pressure plate (1b) and the heat transferring plates, which guiding element extends through a hole (4) in the pressure plate (1b) and further to an area situated at a substantial distance from this plate, that the guiding element (3) is surrounded by a protecting sleeve (5a) extending from the frame plate (1a) to the pressure plate (1b) and protecting the threads of the guiding element (3) from engagement with the heat transferring plates and that the guiding element (3) is arranged to be connected to a supporting device (9) in the mentioned area situated at a substantial distance from the pressure plate (1b).

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CPC (source: EP)

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WO 9923434 A1 19990514; AU 9771398 A 19990524; DE 69810151 D1 20030123; DE 69810151 T2 20030417; EP 1027571 A1 20000816; EP 1027571 B1 20021211; ES 2189258 T3 20030701; SE 510724 C2 19990614; SE 9703993 D0 19971030; SE 9703993 L 19990501

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