

Title (en)
HEAT EXCHANGER

Title (de)
WÄRMETAUSCHER

Title (fr)
ECHANGEUR DE CHALEUR

Publication
EP 1848947 A4 20110907 (EN)

Application
EP 06701861 A 20060206

Priority
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Abstract (en)
[origin: WO2006088409A1] Heat transfer plate (2) with locating means (8) and adapted to being stacked in a plate stack, and a heat exchanger comprising said plates (2). The plate (2) comprises a patterned heat transfer surface, an edge portion, ports, locating means (8) and accommodating means (14). Locating means (8) in the form of nibs (8) is situated on the heat transfer surface of the plate. The nibs (8) are between two planes (10 and 12) situated above the heat transfer surface pattern. In the plate stack, between two mutually adjacent plates (2), the nibs (8) fit into accommodating means (14) on an adjacent plate (2), which accommodating means (14) are disposed in the latter's heat transfer surface. Two mutually adjacent plates (2) in the plate stack together comprise two nibs (8) and two accommodating means (14) which fit into one another and thereby fix the plates (2) relative to one another so that the plates cannot shear or rotate relative to one another. This means that plates (2) need not have any so-called locating flanges for positioning them in a plate stack.

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Citation (search report)
• [X] US 2003201094 A1 20031030 - EVANS BRUCE L [CA], et al
• [X] JP H10103883 A 19980424 - HISAKA WORKS LTD
• [X] JP H0989484 A 19970404 - HISAKA WORKS LTD
• See also references of WO 2006088409A1

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