

Title (en)  
DOUBLE PLATE HEAT EXCHANGER

Title (de)  
DOPPELPLATTEN-WÄRMETAUSCHER

Title (fr)  
ECHANGEUR DE CHALEUR À DOUBLE PLAQUE

Publication  
**EP 4386301 A1 20240619 (EN)**

Application  
**EP 22214234 A 20221216**

Priority  
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Abstract (en)  
The present invention relates to a plate element (2) comprising a first heat transfer plate (10) and a second heat transfer plate (20), the first heat transfer plate (10) and the second heat transfer plate (20) being connected to each other to form the plate element (2). Each of the first heat transfer plate (10) and the second heat transfer plate (20) is formed of a plate body with a main part with a heat exchanging portion (40) formed with a surface pattern (45). The first heat transfer plate (10) is formed with a first set of openings (3a, 3d) in first extension sections (50) reaching out from the main part of the plate body, and the second heat transfer plate (20) is formed with a second set of openings (3b, 3c) in second extension sections (50) reaching out from the main part of the plate body. The first extension sections (50) of the first heat transfer plate (10) and the second extension sections (50) of the second heat transfer plate (20) are positioned such that the first set of openings (3a, 3d) and the second set of openings (3b, 3c) are not overlapping. The present invention further relates to a plate heat exchanger (1).

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Citation (search report)  
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