

Title (en)  
A HEAT EXCHANGER ARRANGEMENT AND METHOD FOR CONTROL OF A FLUID THROUGH A HEAT EXCHANGER ARRANGEMENT

Title (de)  
WÄRMETAUSCHERANORDNUNG UND VERFAHREN ZUM REGELN VON FLÜSSIGKEITEN DURCH EINE WÄRMETAUSCHERANORDNUNG

Title (fr)  
SYSTEME ECHANGEUR DE CHALEUR ET PROCEDE DE REGULATION D'UN FLUIDE TRAVERSANT UN SYSTEME ECHANGEUR DE CHALEUR

Publication  
**EP 1242782 B1 20041020 (EN)**

Application  
**EP 00986131 A 20001207**

Priority

- SE 0002452 W 20001207
- SE 9904498 A 19991208

Abstract (en)  
[origin: WO0142729A1] A plate heat exchanger (6) comprising plates (8) with port holes forming port channels (15, 16), where some passages are part of a set of tap-water passages (22) communicating with two of said port channels. A disc (12), with an opening (25), divides one (16) of the tap-water port channels into a first and a second part, such that the tap-water passages (22) are divided into at least two, serially connected, groups. An elongated temperature sensor (26) extends through the disc (12), substantially closing the opening (25). In this way, the temperature sensor may sense two different tap-water temperatures, i.e. the temperatures in the respective parts of the divided port channel, and actuate a valve, controlling the flow of a primary fluid, to an extent representative of the temperatures in both port channels.

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**F28F 27/00**; **F28D 9/00**

IPC 8 full level  
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CPC (source: EP)  
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CN103256855A; EP2674715A1; US9903624B2; WO2010017815A1; WO2013186193A1

DOCDB simple family (publication)  
**WO 0142729 A1 20010614**; AT E280380 T1 20041115; AU 2242401 A 20010618; DE 60015185 D1 20041125; DE 60015185 T2 20050224; EP 1242782 A1 20020925; EP 1242782 B1 20041020; PL 196246 B1 20071231; PL 361175 A1 20040920; RU 2002118118 A 20040210; RU 2260757 C2 20050920; SE 515485 C2 20010813; SE 9904498 D0 19991208; SE 9904498 L 20010609

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