

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 A1 20020925 (EN)

Application
EP 00986131 A 20001207

Priority
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• 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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