

Title (en)

A HEADER DEVICE FOR A HEAT EXCHANGER SYSTEM, A HEAT EXCHANGER SYSTEM, AND A METHOD OF HEATING A FLUID

Title (de)

SAMMELROHR FÜR EIN WÄRMETAUSCHERSYSTEM, WÄRMETAUSCHERSYSTEM UND VERFAHREN ZUR ERHITZUNG VON FLÜSSIGKEIT

Title (fr)

COLLECTEUR DE SYSTÈME D'ÉCHANGEUR DE CHALEUR, UN TEL SYSTÈME ET PROCÉDÉ DE CHAUFFAGE D'UN FLUIDE

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Application

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Priority

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Abstract (en)

[origin: EP3101339A1] A header device (4), a heat exchanger system comprising a tube arrangement for a fluid to be heated, and a method of heating a fluid are disclosed. The header device comprises a header (30) comprising an inlet portion (31) with an header inlet (33) for a first fluid, and an outlet portion (32) with a header outlet (16), which extends through a wall (34) of the outlet portion and is connected to the tube arrangement. The header permits the first fluid to enter an inner space (35) of the outlet portion and to flow from the inner space to the tube arrangement. The header device comprises an injector pipe (40) connected to the header and arranged to inject a second fluid into the header to force the first fluid through the header outlet and into the tube arrangement together with the second fluid, the fluid to be heated comprising the first and second fluids.

IPC 8 full level

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