Title (en)

GUIDING DEVICE FOR CONTROLLING FLUID FLOW WHEN FEEDING IN TWO PHASE FLOWS INTO BLOCK-IN-SHELL HEATERS

Title (de)

LEITEINRICHTUNG ZUR KONTROLLE DER FLÜSSIGKEITSSTRÖMUNG BEI DER EINSPEISUNG VON ZWEIPHASENSTRÖMEN IN BLOCK-IN-SHELL-WÄRMEÜBERTRAGERN

Title (fr)

DISPOSITIF DE CONDUITE DESTINÉ AU CONTRÔLE DE L'ÉCOULEMENT DE LIQUIDE LORS DE L'ALIMENTATION DE COURANTS DIPHASIQUES DANS DES ÉCHANGEURS DE CHALEUR ENCAPSULÉS

Publication

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Application

EP 15805396 A 20151207

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Abstract (en)

[origin: WO2016102046A1] The invention relates to a heat exchanger (1) for indirectly exchanging heat between a first medium (F1) and a second medium (F2), comprising: a casing (2) which surrounds an encased area (3) for receiving the first medium (F1) and at least one plate heat exchanger (4) for indirectly exchanging heat between the two media (F1, F2), the at least one plate heat exchanger (4) being arranged in the encased area (3) such that the plate heat exchanger can be surrounded by a liquid first medium (F1) phase (L1) which can be found in the encased area (3). In order to introduce the first medium (F1) into the encased area, a distribution device (6) or a distributor channel (6) is arranged above the plate heat exchanger (4) in the encased area (3). The distribution device or the distributor channel (6) has at least one outlet opening (6b) which is oriented downwards and through which a liquid first medium (F1) phase (L1) can exit the distribution device (6) or the distributor channel (6) into the encased area (3). According to the invention, the heat exchanger (1) has a conducting device (10) which is arranged below the distribution device (6) or the distributor channel (6) and which is designed to conduct the liquid first medium (F1) phase (L1) exiting the at least one outlet opening (6b).

IPC 8 full level

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