Title (en)
VARIABLE PASSES HEAT EXCHANGER FOR ORGANIC RANKINE CYCLE SYSTEMS

Title (de)
WÄRMETAUSCHER MIT VARIABLEM DURCHGANG FÜR ORGANISCHE RANKINE-KREISLAUF-SYSTEME

Title (fr)
ÉCHANGEUR DE CHALEUR À PASSAGES VARIABLES POUR SYSTÈMES À CYCLE ORGANIQUE DE RANKINE

Publication
**EP 3593077 B1 20220309 (EN)**

Application
**EP 18719640 A 20180217**

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Abstract (en)
[origin: WO2018150380A1] A heat exchanger (100, 110, 110', 120, 130, 140) comprising: - a tube bundle (80, 80') inside which a first fluid of the couple of fluids flows, said first fluid passing through the tube bundle or through its portions according to a variable number of passes, - a shell (13) inside which the tube bundle (80, 80') and the second fluid of the couple of fluids are contained, the second fluid flowing outside of the tube bundle (80, 80'), said shell provided with at least an inlet nozzle and at least one outlet nozzle of said second fluid, - at least a head (70, 70', 70") comprising a variable number of separating baffles, fixed or movable, and at least one inlet nozzle and at least one outlet nozzle of said first fluid, the heat exchanger (100, 110, 120, 130, 140) being configured so as to be able to vary the number of passes of the first fluid without having to open one of the two heads and/or remove one of the two fluids from the heat exchanger.

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