

Title (en)

DEVICE FOR THE EXCHANGE OF HEAT BETWEEN A FIRST FLUID INTENDED TO BE VAPORIZED AND A SECOND FLUID INTENDED TO BE COOLED AND/OR CONDENSED, AND ASSOCIATED INSTALLATION AND METHOD

Title (de)

VORRICHTUNG ZUM WÄRMEAUSTAUSCH ZWISCHEN EINEM ERSTEN ZU VERDAMPFENDEN FLUID UND EINEM ZWEITEN ZU KÜHLENDEN UND/ODER ZU KONDENSIERENDEN FLUID SOWIE ZUGEHÖRIGE ANLAGE UND VERFAHREN

Title (fr)

DISPOSITIF D'ÉCHANGE THERMIQUE ENTRE UN PREMIER FLUIDE DESTINÉ À ÊTRE VAPORISÉ ET UN DEUXIÈME FLUIDE DESTINÉ À ÊTRE REFROIDI ET/OU CONDENSÉ, INSTALLATION ET PROCÉDÉ ASSOCIÉS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2017068072A1] This device (10) comprises: - a shell (30), defining an interior volume (34) to house the first fluid extending along a longitudinal axis (A-A'); - a tube bundle (32) arranged inside the shell (30), the tube bundle (32) extending longitudinally in the interior volume (34) to accept the second fluid; - a disengagement member (44), able to perform liquid vapour separation in the fluid carried from the interior volume (34), the disengagement member (44) being arranged above the tube bundle (32). In at least one plane perpendicular to the longitudinal axis (A-A'), the disengagement member (44) comprises at least two disjointed fluid passage regions (90, 92, 94) and at least one intermediate region (88, 89) that prevents the passage of fluid.

IPC 8 full level

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