

Title (en)

CLOSED CIRCUIT FUNCTIONING ACCORDING TO A RANKINE CYCLE WITH A DEVICE FOR THE EMERGENCY STOPPING OF THE CIRCUIT AND METHOD USING SUCH A CIRCUIT

Title (de)

GEMÄSS EINEM RANKINE-KREISLAUF FUNKTIONIERENDER GESCHLOSSENER SCHALTKEIS MIT EINER NOTSTOPPVORRICHTUNG FÜR DEN SCHALTKEIS UND VERFAHREN MIT SOLCH EINEM SCHALTKEIS

Title (fr)

CIRCUIT FERMÉ FONCTIONNANT SELON UN CYCLE DE RANKINE AVEC UN DISPOSITIF POUR L'ARRÊT D'URGENCE DU CIRCUIT ET PROCÉDÉ UTILISANT UN TEL CIRCUIT

Publication

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Application

**EP 17736963 A 20170711**

Priority

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Abstract (en)

[origin: WO2018033303A1] The present invention concerns a closed circuit (10) functioning according to a Rankine cycle, said circuit comprising at least one pump (12) for circulating and compressing a working fluid in liquid form, a heat exchanger (18) swept by a hot source (23) for evaporating said fluid, means (26) for expanding the fluid in vapour form, a cooling exchanger (34) swept by a cold source for condensing the working fluid, a tank (40) of working fluid, and circulation pipes for the working fluid (44, 46, 48, 50, 52, 54) for circulating said fluid between the pump, the heat exchanger, the expansion means, the condenser and the tank. According to the invention, the circuit comprises a device (56) for draining the fluid contained in the heat exchanger (18).

IPC 8 full level

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