

Title (en)

A RESERVOIR FOR THE RECEPTION OF A CONDENSED WORKING FLUID OF AN ORGANIC RANKINE CYCLE SYSTEM

Title (de)

SPEICHER ZUR AUFNAHME EINES KONDENSIERTEN ARBEITSFLUIDS EINES ORGANISCHEN RANKINE KREISLAUFSYSTEMS

Title (fr)

RESERVOIR POUR RECEVOIR UNE FLUIDE DE TRAVAIL CONDENSÉ D'UN SYSTÈME DE CYCLE RANKINE À FLUIDE ORGANIQUE

Publication

EP 3091203 B1 20190522 (EN)

Application

EP 16167519 A 20160428

Priority

IT UB20150142 A 20150429

Abstract (en)

[origin: EP3091203A1] Described herein is a reservoir (2; 2') for the reception of a condensed working fluid of an organic Rankine cycle system, the reservoir including an internal volume, an inlet port (2IN) for the intake of condensed working fluid into the internal volume, and an outlet port (20UT) for the condensed working fluid. The reservoir (2; 2') includes a pump (4) housed in said internal volume, said pump (4) having an intake port (4IN, I34, I36, I38, I22) for the withdrawal of said condensed working fluid from said internal volume and a delivery port (40UT, D34, D36, D38, D22) for the delivery of said working fluid through said outlet port (20UT) of the reservoir. Moreover described is an organic Rankine cycle system (1) including the reservoir (2; 2'; 2'') referred to above.

IPC 8 full level

F01K 25/08 (2006.01); **F01K 9/02** (2006.01)

CPC (source: EP)

F01K 9/02 (2013.01); **F01K 25/08** (2013.01)

Cited by

FR3059355A1; WO2018096276A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3091203 A1 20161109; EP 3091203 B1 20190522

DOCDB simple family (application)

EP 16167519 A 20160428