

Title (en)

Method and device for vaporization of organic working media

Title (de)

Verfahren und Vorrichtung zur Verdampfung organischer Arbeitsmedien

Title (fr)

Procédé et dispositif d'évaporation de fluides de travail organiques

Publication

**EP 2455658 B1 20160302 (DE)**

Application

**EP 10014706 A 20101117**

Priority

EP 10014706 A 20101117

Abstract (en)

[origin: EP2455658A1] The device has a heat exchanger transferring heat of a heat-supplying medium to a working medium that differs from the heat-supplying medium. A supply unit (9) provides flow of the heat-supplying medium at a temperature from a heat source to the heat exchanger, and another supply unit delivers the heat-supplying medium after the supply unit passes through the heat exchanger and/or a medium at another temperature lower than the former temperature, to the flow of the heat-supplying medium at the former temperature. An independent claim is also included for a method for vaporizing a working fluid in a thermal power plant.

IPC 8 full level

**F22B 35/00** (2006.01); **B01F 5/04** (2006.01); **F01K 25/10** (2006.01); **F22B 1/18** (2006.01)

CPC (source: EP US)

**B01F 25/31425** (2022.01 - EP US); **F01K 25/10** (2013.01 - EP US); **F22B 1/18** (2013.01 - EP US); **F22B 35/002** (2013.01 - EP US)

Cited by

CN105937759A; FR3036178A1; US2016254674A1; US9819193B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2455658 A1 20120523**; **EP 2455658 B1 20160302**; CN 103282719 A 20130904; CN 103282719 B 20160420; JP 2014501899 A 20140123; JP 2015158205 A 20150903; JP 6047098 B2 20161221; US 2016047540 A1 20160218; US 9829194 B2 20171128; WO 2012065734 A1 20120524

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