

Title (en)

Heater oil assembly and method for operating same

Title (de)

Wärmeträgerölanlage und Verfahren zum Betreiben einer Wärmeträgerölanlage

Title (fr)

Installation à huile caloporteuse et procédé de fonctionnement d'une installation à huile caloporteuse

Publication

EP 2594860 A3 20140604 (DE)

Application

EP 12184155 A 20120913

Priority

DE 102011086644 A 20111118

Abstract (en)

[origin: EP2594860A2] The system (1) has a device for controlling a heater (3) depending on a film temperature actual value determined by a temperature determination device. The heater controlling device comprises a device (27) for controlling a pump (11). The pump is controlled to produce volumetric flow of heat carrier oil in heater pipes (5) of the heater. The volumetric flow of the heat carrier oil is adjusted depending on the determined film temperature actual value such that the determined film temperature actual value does not exceed film temperature maximum value. An independent claim is also included for a method for operating a heat carrier oil system.

IPC 8 full level

F24H 1/16 (2006.01); **F23N 1/02** (2006.01); **F23N 5/00** (2006.01); **F23N 5/08** (2006.01); **F23N 5/24** (2006.01); **F24H 1/14** (2006.01); **F24H 9/20** (2006.01)

CPC (source: EP)

F23N 1/022 (2013.01); **F23N 5/006** (2013.01); **F23N 5/082** (2013.01); **F23N 5/242** (2013.01); **F24H 1/145** (2013.01); **F23N 2225/16** (2020.01); **F23N 2225/20** (2020.01); **F23N 2225/30** (2020.01); **F23N 2229/00** (2020.01); **F23N 2237/26** (2020.01); **F24D 2220/044** (2013.01)

Citation (search report)

- [A] DE 1907987 A1 19700903 - WAGNER GEB
- [A] DE 2514888 A1 19761014 - SCHMITZ & APELT INDUSTRIEOFENB
- [A] DE 202007005195 U1 20070705 - FRITZ EGGER GMBH & CO [AT]

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102011086644 B3 20130207; EP 2594860 A2 20130522; EP 2594860 A3 20140604; EP 2594860 B1 20151209

DOCDB simple family (application)

DE 102011086644 A 20111118; EP 12184155 A 20120913