

Title (en)
HEAT SOURCE DEVICE

Title (de)
WÄRMEQUELLENVORRICHTUNG

Title (fr)
DISPOSITIF SOURCE DE CHALEUR

Publication
EP 3115707 A4 20171213 (EN)

Application
EP 15751873 A 20150219

Priority
• JP 2014030530 A 20140220
• JP 2015054612 W 20150219

Abstract (en)
[origin: EP3115707A1] A controller controls the number of the heat source units to be operated and an amount of the heat-transfer medium which flows to the load side in accordance with required capability from the load side. The controller detects the flow rate of the heat-transfer medium flowing to the load side, and controls an amount of the heat-transfer medium which bypass flowing to the load side in accordance with the detected flow rate. The controller divides the detected flow rate and allocates the divided flow rate to each of the heat source units in operation, thereby controlling a power of the pump in each of the heat source units in operation in accordance with the allocated amount.

IPC 8 full level
F24F 11/02 (2006.01); **F25B 1/00** (2006.01)

CPC (source: EP KR US)
F24F 11/83 (2017.12 - EP KR); **F24F 11/84** (2017.12 - EP KR US); **F24F 11/85** (2017.12 - EP KR US); **F25B 5/02** (2013.01 - KR); **F25B 13/00** (2013.01 - EP KR); **F25B 41/26** (2021.01 - KR); **F25B 2313/003** (2013.01 - EP KR); **F25B 2313/0253** (2013.01 - EP KR); **F25B 2400/06** (2013.01 - EP KR)

Citation (search report)
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• [YA] US 2012029707 A1 20120202 - DAZAI RYOUTA [JP], et al
• [A] US 2012055665 A1 20120308 - MORITA TAKERU [JP], et al
• [A] JP 2013181673 A 20130912 - MITSUBISHI HEAVY IND LTD
• See references of WO 2015125863A1

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US11408656B2; EP3722706A1; US11060779B2; US11598549B2

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 3115707 A1 20170111; **EP 3115707 A4 20171213**; **EP 3115707 B1 20190522**; CN 105940272 A 20160914; CN 105940272 B 20190308; JP 6134856 B2 20170524; JP WO2015125863 A1 20170330; KR 101805334 B1 20171205; KR 20160096691 A 20160816; WO 2015125863 A1 20150827

DOCDB simple family (application)
EP 15751873 A 20150219; CN 201580003466 A 20150219; JP 2015054612 W 20150219; JP 2016504158 A 20150219; KR 20167018521 A 20150219