

Title (en)

Circulating fluidized bed boiler device

Title (de)

Zirkulierung einer fluidisierten Bettkesselvorrichtung

Title (fr)

Dispositif de chaudière à lit fluidisé à circulation

Publication

EP 2644849 B1 20181107 (EN)

Application

EP 12161881 A 20120328

Priority

EP 12161881 A 20120328

Abstract (en)

[origin: EP2644849A1] The invention relates to a boiler device (1) comprising: - a circulating fluidized bed boiler (5), in which a combustion is used for producing steam, - a high pressure turbine (2) in which enters the steam produced in the boiler (5), - a middle pressure turbine (3) in which is supplied steam from the high pressure turbine (2), characterized in that the device (1) further comprises a heat exchanger for transferring heat from steam flowing upstream the high pressure turbine (2) to steam flowing between the high pressure turbine (2) and the middle pressure turbine (3).

IPC 8 full level

F01K 7/24 (2006.01)

CPC (source: EP)

F01K 7/24 (2013.01)

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 2644849 A1 20131002; EP 2644849 B1 20181107; CN 104246152 A 20141224; CN 104246152 B 20170419; IN 7824DEN2014 A 20150515; WO 2013144821 A2 20131003; WO 2013144821 A3 20140724

DOCDB simple family (application)

EP 12161881 A 20120328; CN 201380017178 A 20130326; IB 2013052371 W 20130326; IN 7824DEN2014 A 20140919