

Title (en)

DEVICE AND METHOD FOR CONVERTING A SOLID FUEL

Title (de)

VORRICHTUNG UND VERFAHREN ZUR UMWANDLUNG EINES FESTBRENNSTOFFES

Title (fr)

DISPOSITIF ET PROCÉDÉ DE TRANSFORMATION D'UN COMBUSTIBLE SOLIDE

Publication

EP 2756179 A1 20140723 (DE)

Application

EP 12770437 A 20120917

Priority

- DE 102011113623 A 20110916
- EP 2012068216 W 20120917

Abstract (en)

[origin: WO2013038001A1] For coupling the gas turbine process to the indirect gasification of solid fuels, particularly by means of steam, and to avoid the use of heat pipes (26) that must be operated using dangerous liquid alkali-metals, a second combustion chamber (25) is provided which is located outside the combustion chamber (6) of the steam turbine and whose heat can be kept to a low temperature level thus allowing the remaining processes to be made available with non-dangerous means.

IPC 8 full level

F02C 3/20 (2006.01); **C10J 3/48** (2006.01); **F02C 1/08** (2006.01)

CPC (source: EP)

C10J 3/482 (2013.01); **F02C 1/08** (2013.01); **F02C 3/205** (2013.01); **C10J 2300/0976** (2013.01); **C10J 2300/1246** (2013.01); **C10J 2300/1606** (2013.01); **C10J 2300/1687** (2013.01); **C10J 2300/1853** (2013.01); **C10J 2300/1876** (2013.01); **C10J 2300/1892** (2013.01)

Citation (search report)

See references of WO 2013038001A1

Cited by

CN115059546A

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)

DE 102011113623 A1 20130321; EP 2756179 A1 20140723; WO 2013038001 A1 20130321

DOCDB simple family (application)

DE 102011113623 A 20110916; EP 12770437 A 20120917; EP 2012068216 W 20120917