

Title (en)
Circulating fluidized bed furnace

Title (de)
Ofen mit zirkulierendem Wirbelbett

Title (fr)
Chaudière à lit fluidisé à circulation

Publication
EP 3130849 B1 20180704 (EN)

Application
EP 15180610 A 20150811

Priority
EP 15180610 A 20150811

Abstract (en)
[origin: EP3130849A1] A circulating fluidized bed furnace (10) comprising an outer furnace wall (10r), surrounding an inner combustion space (10c) of a circulating fluidized bed type, and a heat exchange chamber (20), which is friction-locked to said outer furnace wall, wherein said heat exchange chamber is further supported by one or more structural elements (50), each of which being provided with two ends, a first end (50f) being fixed to a section of the furnace wall, while a second end (50s) being fixed to the heat exchange chamber at an offset to the furnace wall.

IPC 8 full level
F23C 10/18 (2006.01); **C10J 3/56** (2006.01); **F22B 31/00** (2006.01); **F22B 37/20** (2006.01); **F22B 37/24** (2006.01); **F23C 10/04** (2006.01); **F28D 13/00** (2006.01); **F28F 9/007** (2006.01)

CPC (source: EP KR)
C10J 3/56 (2013.01 - EP KR); **F22B 31/0084** (2013.01 - EP KR); **F22B 31/0092** (2013.01 - EP KR); **F22B 37/201** (2013.01 - EP KR); **F22B 37/244** (2013.01 - EP KR); **F23C 10/04** (2013.01 - EP KR); **F23C 10/18** (2013.01 - EP KR); **F28D 13/00** (2013.01 - EP KR); **F28F 9/007** (2013.01 - EP KR); **F23C 2206/103** (2013.01 - EP KR); **F28F 2280/00** (2013.01 - EP KR)

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 3130849 A1 20170215; **EP 3130849 B1 20180704**; CN 209325767 U 20190830; DK 3130849 T3 20180924; ES 2687791 T3 20181029; KR 20180040152 A 20180419; PH 22018500003 U1 20190510; PL 3130849 T3 20190131; WO 2017025215 A1 20170216; ZA 201800809 B 20181128

DOCDB simple family (application)
EP 15180610 A 20150811; CN 201690001084 U 20160609; DK 15180610 T 20150811; EP 2016063093 W 20160609; ES 15180610 T 20150811; KR 20187004085 A 20160609; PH 22018500003 U 20180123; PL 15180610 T 20150811; ZA 201800809 A 20180207