

Title (en)
METHOD FOR SINTERING CARBON BODIES IN A FURNACE DEVICE

Title (de)
VERFAHREN ZUM SINTERN VON KOHLENSTOFFKÖRPERN IN EINER OFENEINRICHTUNG

Title (fr)
PROCÉDÉ DE FRITTAGE DE CORPS DE CARBONE DANS UN DISPOSITIF DE TYPE FOUR

Publication
EP 3314184 A1 20180502 (DE)

Application
EP 16734577 A 20160616

Priority

- DE 102015211624 A 20150623
- DE 102015224209 A 20151203
- EP 2016063826 W 20160616

Abstract (en)
[origin: CA2990070A1] The invention relates to a method for sintering carbon bodies (16) in a furnace device having at least one first furnace chamber (11) for accommodating the carbon bodies, which are accommodated in a packing material (23), wherein the carbon bodies are arranged between side chamber walls (12, 13, 21) of the furnace chamber, and the furnace chamber serves to form a pre-heating zone V, a heating zone H provided with a heating device, and a cooling zone A, wherein a packing material (23) at least partially formed of a highly thermally conductive material is used.

IPC 8 full level
F27B 9/02 (2006.01); **C04B 35/52** (2006.01); **F27B 9/24** (2006.01); **F27B 9/26** (2006.01); **F27B 9/30** (2006.01); **F27B 13/04** (2006.01)

CPC (source: CN EP US)
C01B 32/21 (2017.07 - US); **C04B 35/52** (2013.01 - CN EP US); **C04B 35/64** (2013.01 - CN EP US); **F27B 9/022** (2013.01 - CN EP US); **F27B 9/24** (2013.01 - EP US); **F27B 9/243** (2013.01 - CN EP US); **F27B 9/26** (2013.01 - CN EP US); **F27B 9/3005** (2013.01 - CN EP US); **F27B 9/36** (2013.01 - EP US); **F27B 13/04** (2013.01 - CN EP US); **F27D 5/0068** (2013.01 - EP US); **F27D 2009/007** (2013.01 - EP US)

Citation (search report)
See references of WO 2016207050A1

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 102015224209 A1 20161229; AU 2016282636 A1 20180104; AU 2016282636 B2 20210128; CA 2990070 A1 20161229; CN 107848896 A 20180327; EP 3314184 A1 20180502; US 10683207 B2 20200616; US 2018186646 A1 20180705; WO 2016207050 A1 20161229

DOCDB simple family (application)
DE 102015224209 A 20151203; AU 2016282636 A 20160616; CA 2990070 A 20160616; CN 201680036691 A 20160616; EP 16734577 A 20160616; EP 2016063826 W 20160616; US 201615737521 A 20160616