

Title (en)
FURNACE SYSTEM AND METHOD FOR OPERATING A FURNACE

Title (de)
OFENANLAGE UND VERFAHREN ZUM BETREIBEN EINES OFENS

Title (fr)
INSTALLATION DE FOUR ET PROCÉDÉ POUR LE FONCTIONNEMENT D'UN FOUR

Publication
EP 3669131 A1 20200624 (DE)

Application
EP 18743679 A 20180712

Priority
• DE 102017007799 A 20170817
• EP 2018025192 W 20180712

Abstract (en)
[origin: WO2019034283A1] The invention relates to a method for operating a furnace (12), comprising a furnace chamber (14), which is heated by means of at least one burner (16), wherein the method comprises a monitoring of a combustion in the furnace chamber (14), and monitoring a calorific value of a fuel determined for the burner (16). The invention further relates to a furnace system (10), and to a control unit (24).

IPC 8 full level
F23D 17/00 (2006.01); **F27B 3/20** (2006.01); **F27D 19/00** (2006.01); **F27D 99/00** (2010.01)

CPC (source: EP KR US)
F23D 14/02 (2013.01 - EP KR US); **F23N 3/002** (2013.01 - EP KR); **F23N 5/003** (2013.01 - EP KR US); **F27B 3/205** (2013.01 - EP); **F27D 19/00** (2013.01 - EP KR US); **F27D 99/0033** (2013.01 - EP KR); **F23N 2005/185** (2013.01 - EP); **F27D 2019/0006** (2013.01 - EP); **F27D 2019/0009** (2013.01 - EP KR); **F27D 2019/0012** (2013.01 - EP KR); **F27D 2019/0015** (2013.01 - EP KR US); **F27D 2019/0018** (2013.01 - EP KR); **F27D 2019/0021** (2013.01 - EP KR); **F27D 2019/0034** (2013.01 - EP KR US); **F27D 2019/0043** (2013.01 - EP KR); **Y02E 20/32** (2013.01 - EP)

Citation (search report)
See references of WO 2019034283A1

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)
WO 2019034283 A1 20190221; BR 112020003070 A2 20200825; CA 3072967 A1 20190221; CN 110998204 A 20200410; DE 102017007799 A1 20190221; EP 3669131 A1 20200624; KR 20200043384 A 20200427; MX 2020001785 A 20200320; RU 2020106916 A 20210816; US 2021131734 A1 20210506

DOCDB simple family (application)
EP 2018025192 W 20180712; BR 112020003070 A 20180712; CA 3072967 A 20180712; CN 201880052826 A 20180712; DE 102017007799 A 20170817; EP 18743679 A 20180712; KR 20207004370 A 20180712; MX 2020001785 A 20180712; RU 2020106916 A 20180712; US 201816639627 A 20180712