

Title (en)

PELLET FURNACE EQUIPPED WITH A BURNER PROVIDED WITH GRATE AND METHOD FOR THE CONTINUOUS MAINTENANCE OF BURNING THEREIN

Title (de)

MIT EINEM BRENNER VERSEHENER PELLETOFEN UND VERFAHREN ZUR KONTINUIERLICHEN BEWAHRUNG DES BRENNENS DARIN

Title (fr)

FOUR À PASTILLES ÉQUIPÉ D'UN BRÛLEUR MUNI D'UNE GRILLE ET PROCÉDÉ POUR LE MAINTIEN CONTINU DE LA COMBUSTION DANS CELUI-CI

Publication

**EP 3589889 A4 20201230 (EN)**

Application

**EP 18761805 A 20180301**

Priority

- HU P1700093 A 20170302
- HU 2018050013 W 20180301

Abstract (en)

[origin: WO2018158599A1] Pellet furnace equipped with a burner provided with grate, comprising a burning space (11) in which the pellets are received on the grate, and an incinerator unit (14) arranged close to the burning space (11), wherein the interior of the burning space (11) designed as a sluice burner comprises a lower grate (12) and an upper grate (13) arranged in different heights, said grates (12, 13) can be removed from the burning space (11) in lateral direction and during such removal of the grates (12, 13) any ash thereon cannot follow the space receiving the lower and upper grates (12, 13), and for receiving the dropping of the collected ash an ash collector is arranged under the burning space (11).

IPC 8 full level

**F23B 10/02** (2011.01); **F23B 60/02** (2006.01); **F23B 99/00** (2006.01); **F23H 5/00** (2006.01); **F23H 13/06** (2006.01); **F23H 15/00** (2006.01)

CPC (source: EP HU)

**F23B 1/28** (2013.01 - EP); **F23B 1/38** (2013.01 - EP); **F23G 5/165** (2013.01 - EP); **F23G 7/105** (2013.01 - EP); **F23H 5/00** (2013.01 - EP HU); **F23H 13/06** (2013.01 - EP); **F23H 15/00** (2013.01 - EP HU); **F23G 2203/401** (2013.01 - EP); **F23G 2209/261** (2013.01 - EP)

Citation (search report)

- [X] US 4732092 A 19880322 - GOULD ORVAL E [US]
- [X] EP 2549184 A1 20130123 - PLANTEC INC [JP]
- [A] DE 102011055015 A1 20120802 - WINDHAGER ZENTRALHEIZUNG TECHNIK GMBH [AT]
- See also references of WO 2018158599A1

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 2018158599 A1 20180907**; EP 3589889 A1 20200108; EP 3589889 A4 20201230; HU P1700093 A2 20180928

DOCDB simple family (application)

**HU 2018050013 W 20180301**; EP 18761805 A 20180301; HU P1700093 A 20170302