

Title (en)

UNIT FOR SUPPLYING AIR TO THE COMBUSTION CHAMBER OF A PELLET BURNER

Title (de)

EINHEIT ZUR ZUFÜHRUNG VON LUFT IN DIE BRENNKAMMER EINES PELLETBRENNERS

Title (fr)

UNITÉ D'ALIMENTATION EN AIR DE LA CHAMBRE DE COMBUSTION D'UN BRÛLEUR À GRANULÉS

Publication

**EP 3262345 A2 20180103 (EN)**

Application

**EP 15798578 A 20151008**

Priority

- PL 12343414 U 20141008
- PL 2015000162 W 20151008

Abstract (en)

[origin: WO2016056930A2] The subject of the utility model is an unit for supplying air to the combustion chamber of a pellet burner having a housing with a delivery pipe of pellets and a rotary chamber, in addition, inside the housing there are a motor driving a shaft of a worm feeder of pellets and a fan, and a part of the burner housing is a blow-in chamber. The essence of a solution according to the utility model is a ring-shaped slot (14), which is an inlet of air from the blow- in chamber (7) to an axial part of the chamber (2), created between a contraction (9) on the outlet of a pipe of the worm feeder (5) and an inlet (10) of a reducer (11), an outlet (12) of which is fitted in a rear wall (13) of the combustion chamber (2).

IPC 8 full level

**F23B 40/00** (2006.01); **F23B 30/00** (2006.01); **F23G 7/10** (2006.01); **F23L 1/00** (2006.01)

CPC (source: DK EP FI US)

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Citation (search report)

See references of WO 2016056930A2

Designated contracting state (EPC)

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