

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 B1 20190501 (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

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