

Title (en)
PELLET BURNER WITH A ROTARY COMBUSTION CHAMBER

Title (de)
PELLETBRENNER MIT EINER ROTIERENDEN VERBRENNUNGSKAMMER

Title (fr)
BRÛLEUR À GRANULÉS AVEC UNE CHAMBRE DE COMBUSTION ROTATIVE

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Application
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PL 40952414 A 20140917

Abstract (en)
The subject of the invention is a cover of the combustion chamber in the pellets burner, having a housing (1) with an inlet whole (2) for pellets and rotary combustion chamber (3) surrounded with a cylindrical cover (4), connected with the housing, in addition, a space between the combustion chamber (3) and the cover (4) is a ring-shaped duct supplying air into the combustion chamber circumferentially placed on it. The ring-shaped duct (5) supplying air into the combustion chamber is closed in front of the cover (4) with its flange ring (6) directed towards inside of the chamber and a sealing ring operating together with it, connected permanently with the outer surface of the combustion chamber. According to the invention, a rear part (8) of the cover (4) is permanently connected with a compensatory plate (9), a surface of which is perpendicular to the longitudinal axis of the cover (4) whereas, the compensatory plate (9) is elastically connected with the burner housing (1).

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Citation (applicant)
PL 409186 A1 20160215 - PELLASX SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ SPÓŁKA KOMANDYTOWA [PL]

Citation (search report)
• [A] US 6203315 B1 20010320 - MAGNUSSON JAN [SE]
• [A] WO 9835767 A2 19980820 - ONSITE TECHNOLOGY L L C [US]

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