

Title (en)
BURNER FOR PELLETS

Title (de)
BRENNER FÜR PELLETS

Title (fr)
BRULEUR DE GRANULES

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EP 1384031 B1 20060301 (EN)

Application
EP 02706819 A 20020327

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Abstract (en)
[origin: WO02079693A1] The invention relates to a burner (10) intended for burning a solid fuel, particularly pellets. The burner (10) is intended to be installed in a wall opening of a boiler and its firebox (35) is arranged to form at least a firebox (35) from at least partly delimiting wall constructions (13.1, 13.2, 19, 36) and from hollow grate tubes (11), which are arranged parallel to each other and at a distance to each other, for burning fuel on them in a controlled manner. The burner (10) also includes means (16, 17, 20) for feeding primary air, secondary air, and fuel into the firebox (35). The wall constructions include, at least at the sides of the covered firebox (35), side walls (13.1, 13.2), which are arranged to be essentially encased and to bring secondary air to the firebox (35) through perforations (14) arranged in the casing construction (13.1, 13.2). Primary air is arranged to be brought through the said grate tubes (11) to the ash-collection space (39) beneath them and to then be led to the firebox (35) between the grate tubes (11) and through a perforated front plate (12) arranged in front of the grate tubes (11).

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