

Title (en)

Boiler and method for conducting gases in a boiler

Title (de)

Kessel und Verfahren zur Leitung von Gasen in einem Kessel

Title (fr)

Chaudière et procédé pour conduire des gaz dans une chaudière

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Application

EP 01660005 A 20010112

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Abstract (en)

The present invention relates to a boiler (1), especially, to a boiler with undergrate air firing having a water space (4) for water to be heated and a furnace in indirect heat exchange contact therewith, divided in the flow direction of the combustion gases by a partition wall (12) into a primary (2) and a secondary (3) combustion chamber. The primary combustion chamber (2) is provided with a feeding opening (8) for primary air and a filling opening (7) for wood, and for secondary air an inlet opening (17, 20, 46) is provided at a location (15), where the primary and secondary combustion chambers (2 and 3) are joined at their lower parts. According to the invention at said junction (15) at the bottom level (10) of the primary combustion chamber (2), a trough (16) transverse to the flow direction of the combustion gases is provided. The partition wall (12) extends down to the bottom level (10). The invention also relates to a method for conducting the gases in a boiler (1) according to the invention. <IMAGE>

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Citation (applicant)

DK 148087 A 19880924 - SOENDERGAARD CHRISTIAN

Citation (search report)

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