

Title (en)
Heater for combustible solids.

Title (de)
Erhitzer für festen Brennstoff.

Title (fr)
Chaudière à combustible solide.

Publication
EP 0062573 A1 19821013 (FR)

Application
EP 82400563 A 19820329

Priority
FR 8106970 A 19810407

Abstract (en)
1. A solid fuel boiler, more especially for wood, charcoal and/or coal, of the type comprising a combustion chamber (11), a smoke outlet pipe (12) and a heat exchanger (16) in thermal contact with said combustion chamber and in which a heat carrying fluid such as water may flow for heating, characterized in that said combustion chamber is defined essentially by a composite wall (19) comprising a blanket of refractory bricks (20) simply stacked on each other, consolidated by a holding system (21) comprising more especially an external metal casing (21), preferably removable, and a plurality of internal metal plates (21b) disposed vertically at intervals between parts of said blanket.

Abstract (fr)
Chaudière à combustible solide et à température de fonctionnement élevé pour éviter le goudronnage. Selon l'invention, la chaudière se compose d'une vaste chambre de combustion (11) délimitée par une paroi composite (19) comportant un matelassage de briques réfractaires (20), lequel est consolidé par un système de maintien comportant notamment une enveloppe externe métallique (21a), de préférence démontable. Une partie de l'échangeur de chaleur de la chaudière est insérée à l'intérieur de la paroi composite.

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F24H 1/44

IPC 8 full level
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CPC (source: EP)
F24H 1/24 (2013.01); **F24H 1/40** (2013.01); **F24H 1/44** (2013.01)

Citation (search report)
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BE CH DE GB IT

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