

Title (en)
Chamber cladding for boiler

Title (de)
Füllraumauskleidung für Brandkessel

Title (fr)
Habillage de chambre pour chaudière

Publication
EP 2221540 A2 20100825 (DE)

Application
EP 10001807 A 20100223

Priority
AT 3032009 A 20090224

Abstract (en)
The cladding has lining panels (9-11) made of cast metal i.e. cast iron, and arranged along an ascending wall of a chamber (29). The lining panels are provided in a hot zone of two side walls of the chamber. Primary air openings (30, 31) are formed for inflow of primary air in the hot zone of the chamber. The lining panels are fixed in a borehole in the chamber using screws (39). The lining panels include an exterior latching groove along a longitudinal edge and an outwardly protruding sealing edge at another longitudinal edge.

Abstract (de)
Die Erfindung betrifft eine Füllraumauskleidung für Brandkessel, insbesondere Holzvergaserkessel, wobei die Auskleidung Paneele aus Metallguss, insbesondere Grauguss umfasst, die entlang der aufsteigenden Wände des Füllraumes angeordnet sind, wobei in der Heißzone des Füllraumes ein oder mehrere Auskleidungspaneele (11) vorgesehen sind, die Primärluftöffnungen (30, 31) zum Einstromen der Primärluft in die Heißzone des Füllraumes aufweisen.

IPC 8 full level
F23B 50/06 (2006.01); **F23B 90/06** (2011.01); **F23G 5/027** (2006.01); **F23G 7/10** (2006.01); **F23M 5/00** (2006.01); **F24B 13/02** (2006.01); **F24H 1/00** (2006.01); **F24H 1/22** (2006.01)

CPC (source: EP)
F23B 7/005 (2013.01); **F23B 50/06** (2013.01); **F23B 90/06** (2013.01); **F23G 5/027** (2013.01); **F23G 7/105** (2013.01); **F23M 5/00** (2013.01); **F24B 13/02** (2013.01); **F24H 1/0063** (2013.01); **F23M 2900/05001** (2013.01); **F23M 2900/05002** (2013.01)

Citation (applicant)
DE 29800681 U1 19990520 - PAUL KUENZEL GMBH & CO [DE]

Cited by
KR20220069212A; DE102010047432A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
AT 507680 A4 20100715; AT 507680 B1 20100715; EP 2221540 A2 20100825; EP 2221540 A3 20130724

DOCDB simple family (application)
AT 3032009 A 20090224; EP 10001807 A 20100223