

Title (en)

FURNACE, ESPECIALLY FOR THE COMBUSTION OF REFUSE, COAL, WOOD AND INDUSTRIAL WASTE

Publication

**EP 0165432 B1 19890510 (DE)**

Application

**EP 85105632 A 19850508**

Priority

CH 249784 A 19840521

Abstract (en)

[origin: EP0165432A1] 1. Furnace with a sliding grate (7) consisting of grate rods (8) which forms a closure which forms a seal with the combustion chamber (1) on at least one side, which closure consists of a fixed sealing rail (5 or 5 and 6) and a sealing profile (13) which is attached to the sliding grate (7), parallel surfaces on the combustion chamber side and on the grate side defining a sealing gap (14), so that free lateral expansion and contraction of the sliding grate (7) due to the influence of temperature is possible, characterised in that the sealing profile (13) is connected directly to the sliding grate (7) by an anchoring rod (11).

IPC 1-7

**F23B 1/18**; **F23G 5/00**; **F23H 7/00**; **F23H 17/00**

IPC 8 full level

**F23G 5/00** (2006.01); **F23H 7/00** (2006.01); **F23H 17/00** (2006.01)

CPC (source: EP)

**F23G 5/002** (2013.01); **F23H 7/00** (2013.01); **F23H 17/00** (2013.01)

Cited by

EP1134495A1; FR2885404A1; EP2306086A3; ITTO20090918A1; EP1635114A3; EP0924464A1; EP1635115A3; EP0650017A1; US5538128A; EP0458108A3; US5197397A; DE4119405C1; US5259362A; EP0519581A3; DE19912944C1; DE4105331C1; US5178128A; EP0499911A3; WO2011079444A1; WO2006117479A1; WO2011063912A1; WO2011079453A1; WO2014033100A3; WO9932830A1; WO2014033102A3

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