Title (en)
Grate system for a fuel fired boiler

Title (de)
Rostsystem für einen Brennstoffkessel

Title (fr)
Système de grilles pour une chaudière à combustible

Publication
EP 1035373 A1 20000913 (DE)

Application
EP 00104734 A 20000304

Priority
DE 19910425 A 19990310

Abstract (en)
The grid system for a fuel boiler consists of plates arranged in steps in the grid system's lengthwise direction. At least two plates are adjacent in a transverse direction. Ridge plates (1) are inserted between adjacent plates and have outlets for gases and gas mixtures (9). The front and rear surfaces (3,4) of the ridge plates have a lug (5) each. On the back front surface of the ridge plates is an outlet under the cover plate (2) is a gas-outlet.

Abstract (de)
Ein Rostsystem für einen Brennstoffkessel besteht aus in Längsrichtung des Rostsystems stufenförmig angeordneten Platten (17). Das Rostsystem erlaubt die Verbrennung hochkaloriger Brennstoffe, indem mindestens zwei Platten (17) in Querrichtung nebeneinander angeordnet sind und Firstwangen (1) zwischen den nebeneinanderliegenden Platten (17) vorgesehen sind, wobei die Firstwangen (1) Austrittsöffnungen (8,9) haben. <IMAGE>

IPC 1-7
F23H 17/00; F23H 7/08; F23H 3/02

IPC 8 full level
F23H 3/02 (2006.01); **F23H 7/08** (2006.01); **F23H 17/00** (2006.01); **F24H 9/18** (2022.01)

CPC (source: EP)
F23H 3/02 (2013.01); **F23H 7/08** (2013.01); **F23H 17/00** (2013.01)

Citation (applicant)
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- EP 0811803 A2 19971210 - MARTIN UMWELT & ENERGIETECH [DE], et al
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DE IT

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EP 1035373 A1 20000913; **EP 1035373 B1 20040121**; CZ 2000827 A3 20001011; CZ 296050 B6 20051214; DE 19910425 A1 20000921; DE 19910425 C2 20001228; DE 50005055 D1 20040226; PL 190813 B1 20060228; PL 338915 A1 20000911

DOCDB simple family (application)
EP 00104734 A 20000304; CZ 2000827 A 20000307; DE 19910425 A 19990310; DE 50005055 T 20000304; PL 33891500 A 20000309