

Title (en)

HEAT EXCHANGER HEATED BY EXHAUST GASES FOR FURNACES FIRED WITH SULPHUROUS FUEL

Publication

EP 0123242 A3 19841128 (DE)

Application

EP 84104261 A 19840414

Priority

DE 3314757 A 19830423

Abstract (en)

[origin: US4655802A] A heat exchanger using heat of exhaust gas has a housing, through which the exhaust gas passes, and is provided with a heat storage insert positioned in the housing. Tubes containing air or water receiving heat from the exhaust gas are also located within the housing. The heat storage insert is formed of a plurality of bricks having hollows which form passages for the exhaust gas. The bricks at least in the regions of the passages are formed of a material which adsorbs sulfur compounds contained in the exhaust gas.

IPC 1-7

F28D 21/00; **F28F 21/04**

IPC 8 full level

F28D 21/00 (2006.01); **F28F 21/04** (2006.01)

CPC (source: EP US)

F28D 21/0003 (2013.01 - EP US); **F28F 21/04** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0123242 A2 19841031; **EP 0123242 A3 19841128**; **EP 0123242 B1 19880127**; AT E32259 T1 19880215; DE 3314757 A1 19841025; DE 3469057 D1 19880303; US 4655802 A 19870407

DOCDB simple family (application)

EP 84104261 A 19840414; AT 84104261 T 19840414; DE 3314757 A 19830423; DE 3469057 T 19840414; US 60115184 A 19840416