

Title (en)  
HEAT EXCHANGER FOR FLUE GASES

Publication  
**EP 0042129 B1 19840627 (DE)**

Application  
**EP 81104401 A 19810606**

Priority  
DE 8015581 U 19800612

Abstract (en)  
[origin: EP0042129A2] 1. An exhaust gas heat exchanger for a fuel-fired heat source which is provided with a heat exchanger element (6), for installation into an exhaust gas duct which has bends and is provided with a blower (19) and with a heat insulation (7), wherein the exhaust gas outlet (2) of the exhaust gas heat exchanger is provided at the top of the latter and the blower (19) is disposed in the exhaust gas stream at said top, characterized in that the exhaust gas is conducted in an S-shaped path having two mutually opposite ends and extending in one plane the blower (19) is preceded by a bypass exhaust gas line (32) leading to the heat exchanger element (6) and an opening (37) for admixing tertiary air is provided.

IPC 1-7  
**F28D 21/00**

IPC 8 full level  
**F28D 21/00** (2006.01)

CPC (source: EP)  
**F28D 21/0007** (2013.01)

Cited by  
CN110285702A; FR2581171A1; FR2532041A2; EP0236607A1; EP0078207A3

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0042129 A2 19811223; EP 0042129 A3 19820825; EP 0042129 B1 19840627**; AT E8178 T1 19840715; DE 3164413 D1 19840802;  
DE 8015581 U1 19820128

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