

Title (en)

METHOD FOR THE RECUPERATION OF HEAT FROM FLUE GASES

Publication

**EP 0096823 B1 19850403 (DE)**

Application

**EP 83105567 A 19830607**

Priority

DE 3222069 A 19820611

Abstract (en)

[origin: EP0096823A2] 1. Method for the recuperation of heat from flue gases, with which the flue gases are brought into contact with a cooling medium in a heat exchanger via heat transfer surfaces, the components of the flue gases are partially condensed thereby and the condensate is abducted, characterized in that the flue gases are conducted substantially vertically through the heat exchanger from bottom to top along at least one continuous heat transfer surface that the length of the heat exchanger and/or the temperature of the cooling medium are selected such that the condensation takes place in the upper region of the heat exchanger and that the resulting condensate flows off in the form of a liquid film on the heat transfer surfaces in the opposite direction to the flow of flue gases.

IPC 1-7

**F28D 21/00**

IPC 8 full level

**F28D 21/00** (2006.01)

CPC (source: EP)

**F28D 21/0007** (2013.01); **F28F 19/00** (2013.01)

Cited by

EP0262274A1; GB2172098A; GB2186958A; EP0164098A3; EP0179161A1

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DOCDB simple family (publication)

**EP 0096823 A2 19831228; EP 0096823 A3 19840215; EP 0096823 B1 19850403;** AT E12543 T1 19850415; DE 3222069 A1 19831215; DE 3360088 D1 19850509; DK 153182 B 19880620; DK 153182 C 19881114; DK 266483 A 19831212; DK 266483 D0 19830610

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