

Title (en)
METHOD FOR THE RECUPERATION OF HEAT FROM FLUE GASES

Publication
EP 0096823 A3 19840215 (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)

Citation (search report)
• [Y] DE 2803909 A1 19780803 - WEDZINGA JOHANNES HENDRICUS
• [Y] DE 2912986 A1 19791011 - KRISPLER RUPERT ING
• [YD] DE 2820826 A1 19791115 - SCHNEIDER KG ASK A
• [A] FR 2342476 A1 19770923 - TELLIEZ RAYMOND [FR]
• [A] FR 2483065 A1 19811127 - MECA CONST [FR]
• [A] US 4031862 A 19770628 - SMITH FRANK J

Cited by
EP0262274A1; GB2172098A; GB2186958A; EP0164098A3; EP0179161A1

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

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

DOCDB simple family (application)
EP 83105567 A 19830607; AT 83105567 T 19830607; DE 3222069 A 19820611; DE 3360088 T 19830607; DK 266483 A 19830610