

Title (en)

Fume-exhausting apparatus, in particular for chimneys and fireplaces

Title (de)

Rauchabzugsgerät, insbesondere für Schornsteine und Kamine

Title (fr)

Dispositif pour évacuer des fumées, en particulier dans les cheminées et dans les cheminées d'appartement

Publication

**EP 0783090 A2 19970709 (EN)**

Application

**EP 96119347 A 19940323**

Priority

- EP 94830137 A 19940323
- IT MI930638 A 19930331
- IT MI930639 A 19930331

Abstract (en)

A fume-exhausting apparatus in particular for chimneys and fireplaces comprises a plurality of fume-conveying channels (5, 105) extending within a hood (3, 103) in a chimney or fireplace and exhibiting lower openings (5a) directed downwardly and disposed close to the lower inlet mouth (3a) of the hood (3, 103) and upper openings (5b) directed upwardly, close to the lower end of the flue (4). In an alternative version, the apparatus comprises at least one main section (102) for recovering heat from the fumes, consisting of a heat-exchange chamber (106) adapted to hold a circulating fluid to be heated, and a plurality of main pipe coils (105) extending within the heat-exchange chamber (106) and adapted to receive and convey the fumes coming from the hood (103). <IMAGE>

IPC 1-7

**F24B 1/188**; **F24B 1/183**

IPC 8 full level

**F24B 1/183** (2006.01); **F24B 1/188** (2006.01)

CPC (source: EP)

**F24B 1/183** (2013.01); **F24B 1/1885** (2013.01)

Citation (applicant)

- FR 2467358 A1 19810417 - JOST EDOUARD [FR]
- US 4100913 A 19780718 - ARMSTRONG ERNEST DELOY
- US 2277381 A 19420324 - BLACK MURRAY J

Designated contracting state (EPC)

AT BE CH DE DK FR GB IE LI LU NL SE

DOCDB simple family (publication)

**EP 0620405 A1 19941019**; **EP 0620405 B1 19970806**; AT E156581 T1 19970815; AT E189514 T1 20000215; DE 69404723 D1 19970911; DE 69404723 T2 19980205; DE 69422934 D1 20000309; DE 69422934 T2 20000817; DK 0620405 T3 19980223; EP 0783090 A2 19970709; EP 0783090 A3 19981202; EP 0783090 B1 20000202

DOCDB simple family (application)

**EP 94830137 A 19940323**; AT 94830137 T 19940323; AT 96119347 T 19940323; DE 69404723 T 19940323; DE 69422934 T 19940323; DK 94830137 T 19940323; EP 96119347 A 19940323