

Title (en)
Heat generator with triple-pass flue gas circulation

Title (de)
Dreizugwärmeerzeuger

Title (fr)
Générateur de chaleur à trois passages

Publication
EP 0691516 A1 19960110 (EN)

Application
EP 95108261 A 19950530

Priority
IT MI941395 A 19940704

Abstract (en)
A heat generator with triple-pass flue gas circulation comprising a flue (2), which constitutes the first flue gas pass and is connected, at its ends, respectively to a front tube plate (3), with which a burner is associable, and to a rear tube plate (4). There is also a tube nest (5), which forms the second pass, and there are tubes (6) that form the third flue gas pass. The flue (2) has, at the openings (10, 11) for connection to the tube plates (3, 4), a cross-section that is smaller than the median transverse cross-section of the flue (2) itself. <MATH>

IPC 1-7
F24H 1/28

IPC 8 full level
F24H 1/28 (2006.01)

CPC (source: EP)
F24H 1/285 (2013.01)

Citation (search report)

- [Y] US 3596639 A 19710803 - HEMMERT RAYMOND A
- [Y] GB 2090386 A 19820707 - CRONE WILLEM KAREL
- [A] CH 431876 A 19670315 - YGNIS SA [CH]
- [A] CH 501194 A 19701231 - GOETAVERKEN ANGTEKNIK AB [SE]

Designated contracting state (EPC)
AT BE DE ES FR GB GR IT NL PT SE

DOCDB simple family (publication)
EP 0691516 A1 19960110; IT 1271205 B 19970527; IT MI941395 A0 19940704; IT MI941395 A1 19960104

DOCDB simple family (application)
EP 95108261 A 19950530; IT MI941395 A 19940704