

Title (en)
HIGH TEMPERATURE HEAT EXCHANGER WITH A METALLIC PIPE BUNDLE

Publication
EP 0086162 B1 19850828 (FR)

Application
EP 83400271 A 19830208

Priority
FR 8201959 A 19820208

Abstract (en)
[origin: EP0086162A1] 1. Heat exchanger incorporating an enclosure (2) provided with an entry (41) and an exit (43) for a gas, in which are housed metal tubes (1) channelling a hot gas and the ends of which terminate in tube plates (21, 22) which close the said enclosure (2) in which are housed internal partitions (51, 52) compelling the gas to circulate alternately at the centre and at the periphery of the enclosure, characterised in that it incorporates a set of entry pipes (41, 42) which is situated near each tube plate (21, 22) and a set of exit pipes (43) which is situated between the said sets of entry pipes so that there shall be two gas streams flowing in opposite directions.

IPC 1-7
F28D 7/00; **F28F 9/22**

IPC 8 full level
F28D 7/00 (2006.01); **F28D 7/16** (2006.01); **F28F 9/22** (2006.01)

CPC (source: EP)
F28D 7/0066 (2013.01); **F28D 7/0091** (2013.01); **F28D 7/1607** (2013.01); **F28F 9/22** (2013.01); **F28F 2265/26** (2013.01)

Cited by
DE3643303A1; US6024960A; WO2004113814A1; US7328738B2; WO9737189A1

Designated contracting state (EPC)
BE DE FR NL

DOCDB simple family (publication)
EP 0086162 A1 19830817; **EP 0086162 B1 19850828**; DE 3360632 D1 19851003; FR 2521275 A1 19830812; FR 2521275 B1 19840601

DOCDB simple family (application)
EP 83400271 A 19830208; DE 3360632 T 19830208; FR 8201959 A 19820208