

Title (en)

METHOD AND APPARATUS FOR THE RECUPERATION OF HEAT FROM EXHAUST GASES COURING FORM A HEATING INSTALLATION

Publication

EP 0056794 A3 19830209 (DE)

Application

EP 82890002 A 19820111

Priority

- AT 12881 A 19810115
- AT 476881 A 19811106

Abstract (en)

[origin: EP0056794A2] 1. Apparatus for utilizing the heat of the exhaust gas of a furnace, for instance, of an oil-fired heating system, comprising a container, which is provided with a flue gas inlet and a flue gas outlet and holds a liquid bath for the flue gases, wherein the liquid of the liquid bath which has been heated by the flue gases passed through the liquid is adapted to be used as a heat source for a heat exchanger for heating a fluid to be supplied to a consumer, characterized in that the container comprises at least one jacketed container (2), which serves as a heat exchanger and the jacket (3) of which is adapted to be directly supplied through corresponding conduits with the fluid to be supplied to a consumer, such as water for consumption or cold air.

IPC 1-7

F28D 21/00; **F23J 15/00**

IPC 8 full level

F23J 15/04 (2006.01); **F28D 21/00** (2006.01)

CPC (source: EP)

F23J 15/04 (2013.01); **F28D 21/001** (2013.01)

Citation (search report)

- [X] GB 1497733 A 19780112 - VELEGOL J
- [X] DE 2816113 A1 19790802 - STAINLESS EQUIPMENT CO
- [A] DE 2813663 A1 19791011 - HOELTER HEINZ
- [A] US 4243177 A 19810106 - POWERS EDGAR W
- [XP] DE 2932169 A1 19810219 - NEYERS THEODOR
- [A] US 4060399 A 19771129 - GLEASON THOMAS G
- [A] US 3045990 A 19620724 - KEENAN JR THOMAS J
- [A] DE 2512233 A1 19760930 - FROELING KESSEL BEHAELTER APPA

Cited by

CN114659402A

Designated contracting state (EPC)

CH DE FR GB LI SE

DOCDB simple family (publication)

EP 0056794 A2 19820728; **EP 0056794 A3 19830209**; **EP 0056794 B1 19840321**; DE 3260069 D1 19840426

DOCDB simple family (application)

EP 82890002 A 19820111; DE 3260069 T 19820111