

Title (en)
Assembly for stove with heat exchanger

Title (de)
Anordnung für Ofen mit Wärmetauscher

Title (fr)
Dispositif pour poêle avec échangeur de chaleur

Publication
EP 1752710 A3 20080723 (DE)

Application
EP 06015969 A 20060801

Priority
DE 202005012591 U 20050810

Abstract (en)
[origin: DE202005012591U1] The system for tile ovens, stoves, or basic ovens (1) has a combustion chamber (11) with a rear wall and side walls, a hot gas flue (13), and a heat exchanger (2) through which flows a fluid for heat and/or hot water yield. The heat exchanger is installed between the rear wall and/or side wall or walls of the combustion chamber and/or the hot gas flue on one side, and the adjacent building walls on the other side. The heat exchanger is located in the region of great heat radiation in the direction of the heat radiation before an insulation of the building walls. An independent claim is included for a heat exchanger for the aforesaid arrangement which has a piping system (20) installed on heat conducting plates between return and feed connections.

IPC 8 full level
F24B 9/04 (2006.01); **F24B 1/183** (2006.01); **F24B 1/187** (2006.01)

CPC (source: EP)
F24B 9/04 (2013.01)

Citation (search report)

- [XY] DE 20218082 U1 20030213 - DEUTSCHMANN HELMUT [DE]
- [Y] DE 2933729 A1 19810326 - MEYER AXEL E CHR ING GRAD, et al
- [A] DE 10340232 A1 20040311 - SPARTHERM FEUERUNGSTECHNIK GMB [DE]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
DE 202005012591 U1 20051027; EP 1752710 A2 20070214; EP 1752710 A3 20080723

DOCDB simple family (application)
DE 202005012591 U 20050810; EP 06015969 A 20060801