

Title (en)
HEATING DEVICE

Publication
EP 0295756 A3 19890531 (EN)

Application
EP 88201266 A 19880617

Priority

- NL 8701431 A 19870618
- NL 8701865 A 19870807
- NL 8701866 A 19870807
- NL 8702795 A 19871120
- NL 8702919 A 19871203
- NL 8800090 A 19880115
- NL 8800091 A 19880115

Abstract (en)
[origin: EP0295756A2] The invention relates to a heating device. A first object of the invention is to embody a heating device with a combustion space having at least one free side, such as an open hearth, or optionally a free-standing heater, such that it possesses a high yield. Another object is the embodying of this heating device such that in addition to use as a free-standing heater it can also be used as insert system for an open hearth. These objects are realized with a heating device characterized by a tilted, substantially U-shaped heat exchanger open to the front for heating air at the fireplace, this heat exchanger being provided with a lower heat exchanger part onto which can be laid solid fuel, for example a number of pipes laid adjacent to one another, which lower part connects onto a standing heat exchanger part, for example a number of pipes located at an interval from one another, such that the heat exchanger bounds the combustion space.

IPC 1-7
F24B 1/188; **F24B 5/02**; **F24B 1/19**

IPC 8 full level
F24B 1/188 (2006.01); **F24B 1/19** (2006.01); **F24B 5/02** (2006.01)

CPC (source: EP)
F24B 1/1886 (2013.01); **F24B 1/1902** (2013.01); **F24B 5/023** (2013.01)

Citation (search report)

- BE 849921 A 19770415
- US 2161723 A 19390606 - EUGENE RUTLAND JESSE
- CA 1125129 A 19820608 - GATE HOUSE PRODUCT DESIGN LTD
- FR 2288946 A1 19760521 - THOMAS CLAUDE [FR]
- NL 7903447 A 19801104 - EERSTE ROTTERDAMSE FABRIEK VAN
- GB 2081436 A 19820217 - PENNINGTON RICHARDS CYRIL MONT
- US 4254757 A 19810310 - EMMENDORFER CHARLES
- CH 209286 A 19400415 - KUNTNER & CO GEB [CH]
- [Y] US 4129114 A 19781212 - HISER WILLIAM H
- US 1707096 A 19290326 - RICH STELMER D
- [Y] US 4446848 A 19840508 - BECKER WILLIAM M [US], et al
- [A] US 4091794 A 19780530 - STITES JAMES J
- [A] FR 2542068 A1 19840907 - MASANTI SA [ES]
- [A] US 1389194 A 19210830 - HARRIS HENRY H
- [A] US 4103669 A 19780801 - PAULEY EUGENE E

Cited by
EP1983262A3; CN102235685A; ITUD20100033A1; DE102008011167A1; EP3372899A1; FR3063798A1; EP3734163A1; WO2007096677A3; WO2012076834A1

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

DOCDB simple family (publication)
EP 0295756 A2 19881221; **EP 0295756 A3 19890531**

DOCDB simple family (application)
EP 88201266 A 19880617