

Title (en)

COMBUSTION APPARATUS FOR SOLID FUELS

Publication

EP 0081393 A3 19840801 (FR)

Application

EP 82401338 A 19820716

Priority

FR 8114231 A 19810722

Abstract (en)

[origin: EP0081393A2] Thermal equipment characterised in that the hearth is arranged according to the axis of the boiler, forming a corridor which allows continuous evacuation of the ashes and clinker (3) to an exit chamber (4) with shutter (5). A burner, which comprises an adjustable fuel feed from a storage hopper (7) or from a transfer chamber fed by an endless screw (8) or cyclone, a hearth nozzle (9) with adjustable primary (10) and secondary (11) air inlets, a device which is controllable by push-button (12), which ensures removal of ash from the nozzle outlet (13) and the automatic continuous clearing of the hearth, and lastly an electronic control block (14).

IPC 1-7

F23J 1/06; **F23K 3/00**

IPC 8 full level

F23J 1/06 (2006.01); **F23K 3/00** (2006.01)

CPC (source: EP)

F23J 1/06 (2013.01); **F23K 3/00** (2013.01)

Citation (search report)

- [Y] DE 2731549 A1 19780209 - KELLEY CO INC
- [Y] FR 790009 A 19351112 - IRON FIREMAN MFG CO
- [A] FR 645604 A 19281029 - ENGRAIS COMPLETS SA DES
- [A] FR 526139 A 19211001 - ENGRAIS COMPLETS SA DES
- [A] DE 616979 C
- [A] FR 2406158 A1 19790511 - TABEL RENE [FR]
- [A] US 3023716 A 19620306 - REISMAN HOWARD H

Designated contracting state (EPC)

AT BE DE GB IT

DOCDB simple family (publication)

FR 2510235 A1 19830128; EP 0081393 A2 19830615; EP 0081393 A3 19840801

DOCDB simple family (application)

FR 8114231 A 19810722; EP 82401338 A 19820716