

Title (en)

BOILER WITH SEALED COMBUSTION CHAMBER AND CYLINDRIC HEAT EXCHANGER

Publication

**EP 0052055 B1 19840725 (FR)**

Application

**EP 81401769 A 19811106**

Priority

- FR 8023787 A 19801107
- FR 8119454 A 19811016

Abstract (en)

[origin: EP0052055A1] Air collector for a steam-tight boiler using a blown air burner. The air box (11) has a flat oblong shape and receives the combustible air through an orifice (20) concentric to the discharged tube (16) of burnt gases; the air leaves the box through an orifice (14) towards the air inlet chamber (12) arranged vertically along the exchanger. Application to steam-tight boilers with cylindrical exchanger.

IPC 1-7

**F24H 1/40**; **F24H 9/02**

IPC 8 full level

**F22B 21/00** (2006.01); **F22B 21/06** (2006.01); **F24H 1/20** (2006.01); **F24H 1/40** (2006.01); **F24H 9/02** (2006.01)

CPC (source: EP)

**F24H 1/403** (2013.01); **F24H 9/02** (2013.01); **F24H 2203/00** (2013.01)

Cited by

EP0581663A1; FR2694388A1; EP0105805A1; FR2534005A1; ITAN20130237A1; WO9943993A1; WO2015087119A1

Designated contracting state (EPC)

AT BE CH DE GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0052055 A1 19820519**; **EP 0052055 B1 19840725**; DE 3165113 D1 19840830; JP S57501972 A 19821104; JP S6367113 B2 19881223; WO 8201764 A1 19820527

DOCDB simple family (application)

**EP 81401769 A 19811106**; DE 3165113 T 19811106; FR 8100142 W 19811106; JP 50354881 A 19811106