

Title (en)

Heat accumulator and economiser for domestical gas-fired boilers

Title (de)

Wärmespeicher und Brennstoffspareinrichtung für Gasheizkessel

Title (fr)

Accumulateur thermique et economiseur pour chaudières de chauffage domestique à gas-oil

Publication

EP 0851181 A3 19991110 (FR)

Application

EP 97500224 A 19971223

Priority

ES 9602753 A 19961227

Abstract (en)

[origin: EP0851181A2] The heat accumulator and economiser comprises a metal drum, preferably of cast iron, comprising a disc-shaped base (2) approx 1 cm thick and a series of projecting cylindrical bars set in concentric circles. The bars are some 15 cm long and are separated by gaps of a size equivalent to their diameter. They can be aligned or in staggered rows, and there is a space inside the central ring of bars for the burner flame to penetrate.

IPC 1-7

F24H 7/04; **F23M 13/00**

IPC 8 full level

F23M 20/00 (2014.01); **F24H 7/04** (2006.01); **F24H 1/28** (2006.01)

CPC (source: EP)

F23M 20/00 (2015.01); **F24H 7/0466** (2013.01); **F24H 1/285** (2013.01)

Citation (search report)

[A] DE 1751564 A1 19710708 - MANFRED WALZ FA

Cited by

CN103245056A; CN107002996A

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0851181 A2 19980701; **EP 0851181 A3 19991110**; ES 2138515 A1 20000101; ES 2138515 B1 20000816

DOCDB simple family (application)

EP 97500224 A 19971223; ES 9602753 A 19961227