

Title (en)  
Improvements in and relating to fireboxes.

Title (de)  
Feuerstätte.

Title (fr)  
Foyers.

Publication  
**EP 0235995 A1 19870909 (EN)**

Application  
**EP 87301295 A 19870216**

Priority  
NZ 21517186 A 19860214

Abstract (en)  
This invention relates to improvements in fireboxes and more particularly to a firebox which is adapted for the combustion of both low and high energy density fuels. The firebox (1) incorporates a base or floor (2) having an apertured portion (16) which is a smaller proportion of the area of the floor of the firebox, the apertured portion is provided to supply Oxygen to high density fuels supported on the floor of the firebox, the restricted area of the apertured portion restrict the flow of oxygen to the fuel and thus at least the maximum combustion heat output of the high density fuels to substantially similar levels to that of a full charge of low density fuel placed into the firebox. In this manner, the construction of the firebox restricts the danger of overheating of the firebox when combusting high density fuels in a firebox of a size to accommodate low density fuels.

IPC 1-7  
**F24B 13/02**; **F24B 5/02**

IPC 8 full level  
**F24B 5/02** (2006.01); **F24B 13/02** (2006.01)

CPC (source: EP)  
**F24B 5/021** (2013.01); **F24B 13/02** (2013.01)

Citation (search report)  
• [X] FR 2556079 A1 19850607 - BOIDRON MICHEL [FR]  
• [X] US 4321879 A 19820330 - TOIVO AUVO A S  
• [X] US 4169457 A 19791002 - CHRISTOPHEL REUBEN L [US]  
• [A] DE 2917917 A1 19801211 - KAINZ ALOIS

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

DOCDB simple family (publication)  
**EP 0235995 A1 19870909**; AU 6878387 A 19870820

DOCDB simple family (application)  
**EP 87301295 A 19870216**; AU 6878387 A 19870213