

Title (en)  
Grate for a furnace

Title (de)  
Rost für eine Feuerungsanlage

Title (fr)  
Grille pour un foyer

Publication  
**EP 0650017 B1 19980422 (DE)**

Application  
**EP 94115715 A 19941006**

Priority  
CH 317393 A 19931021

Abstract (en)  
[origin: EP0650017A1] To releasably fix the grate bars (4) of a grate for refuse-incinerating plants, the edge bars of the fixed-bar rows (3), which are composed of grate bars arranged side by side and coupled in pairs in each case by a bolt (12) fastened to one grate bar (4) and projecting through a longitudinal slot (14) on the adjacent grate bar, are designed as fixed grate bars (4') and are fixed relative to the side wall by a swivel fixing, which with a bolt (12') corresponds to the coupling between adjacent grate bars and at the same time can be designed as a longitudinal fixing with clamping means which can be released from the area lying outside a side cheek (2) and put the bolt (12') under tension directed against the side wall, or also by a correspondingly releasable swivel and longitudinal fixing. In the case of a pure swivel fixing, an additional longitudinal fixing releasable from the area lying outside the side wall is provided, e.g. in the form of a retractable latch projecting into a bore in the fixed grate bar (4') and anchored to a side cheek (2). After the latch is released, the fixed grate bar (4') can be pushed forward and removed from the swivel fixing.  
<IMAGE>

IPC 1-7  
**F23H 17/00**; **F23H 7/08**

IPC 8 full level  
**F23H 7/08** (2006.01); **F23H 17/00** (2006.01)

CPC (source: EP US)  
**F23H 7/08** (2013.01 - EP US); **F23H 17/00** (2013.01 - EP US)

Cited by  
US5724898A; ITTO20090918A1; EP3926237A3; WO2018149516A1; WO2012013700A3; WO2011063912A1; US11906162B2; US12104787B2

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