

Title (en)  
PRESET FLUE GAS TEMPERATURE-ADJUSTING DEVICE

Publication  
**EP 0233998 B1 19900314 (DE)**

Application  
**EP 86115200 A 19861103**

Priority  
DE 3606463 A 19860228

Abstract (en)  
[origin: EP0233998A1] 1. Device for the adjustment of a preset exit temperature, which remains constant within a range, of the flue gas leaving a steam generator through a flue gas channel (3), wherein the steam generator displays a flue gas duct (2) connected with the flue gas channel (3), heating surfaces (6, 7, 8) are arranged in the flue gas duct (2) transversely to the flow direction of the flue gas, rotatable flaps (11) are arranged in flow direction of the flue gas behind the last heating surface (8), the flue gas channel (3) is connected with a denitrification plant (9) and an air preheater (5) connected downstream thereof on the flue gas side, characterised thereby, that the flue gas duct (2) is divided into sections at the exit end by at least one (10) arranged in flow direction of the flue gas behind the last heating surface (8) and transversely thereto, that this partition (10) is provided with the rotatable flaps (11) and that the partition (10) is arranged in the flue gas duct (2) at such a spacing from the transition into the flue gas channel (3) that about the same speed of flow of the flue gas prevails in that portion of the flue gas duct (2), which is separated off from the flue gas channel (3), at minimum load of the steam generator as over the entire cross-section of the undivided flue gas duct (2) at full load.

IPC 1-7  
**F22B 35/00; F22B 37/40**

IPC 8 full level  
**F22D 1/12** (2006.01); **F22B 35/00** (2006.01); **F22B 37/00** (2006.01); **F22B 37/40** (2006.01); **F23J 15/00** (2006.01); **F23J 15/04** (2006.01)

CPC (source: EP)  
**F22B 35/001** (2013.01); **F22B 37/008** (2013.01); **F22B 37/40** (2013.01)

Cited by  
FR2699264A1; CN103017137A; CH706152A1; CN104302892A; EP0595009A1; CN109404948A; WO2013127924A3

Designated contracting state (EPC)  
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