

Title (en)  
DEVICE FOR CONTROLLING REGENERATIVE BURNERS

Title (de)  
VORRICHTUNG ZUR STEUERUNG REGENERATIVER BRENNER

Title (fr)  
DISPOSITIF DE PILOTAGE DE BRÛLEURS REGENERATIFS

Publication  
**EP 2318761 A1 20110511 (FR)**

Application  
**EP 09797609 A 20090625**

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Abstract (en)  
[origin: WO2010007547A1] The invention relates to a device for controlling regenerative burners used as a firing device, particularly for iron and steel product heating furnaces or for radiating tubes for continuous strip steel processing lines, according to which the supply of at least one of the fluids involved in the combustion (fuel and comburent) is carried out through a rotary injector (12) rotating by means of a rotatable actuator (M) so as to supply fluid alternately to one and then the other of the burners (B1, B2), the rotary injector (12) being placed on the comburent inlet duct (6), particularly air, and is provided to partially obstruct the supply pipe (19.1; 19.2) to the burner (B1; B2) such that one portion of the fumes from a regenerator (2.2; 2.1) for the non-operating burner (B2; B1) is led to the operating burner (B1; B2) and such that the other portion of the fumes is discharged to the stack.

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