

Title (en)  
FLUE GAS CONDITIONING SYSTEM.

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Application  
**EP 93912126 A 19930405**

Priority  

- US 9303193 W 19930405
- US 86484792 A 19920407
- US 88283592 A 19920514
- US 90715992 A 19920701
- US 91952592 A 19920724
- US 92257692 A 19920730

Abstract (en)  
[origin: WO9319852A1] A flue gas conditioning system (10) features a self-contained sulfur burner control loop (43) that operates to maintain a constant desired temperature supply of sulfur dioxide in air by varying the rate of supply of sulfur fuel (41) to the sulfur burner (42), and the absence of device in the sulfur flow path to measure or monitor sulfur flow rate. In some embodiments, a flue gas conditioning agent demand control apparatus (224) is incorporated into the system for controlling a flow of conditioning agent based on a signal determined from a rate of discharge of a charged electrode of the electrostatic precipitator (20). Also, in some embodiments of the invention, the system uses a catalytic converter movable (figure 10 item 322) between an operative position where the flue gas flows through one or more converters to convert SO<sub>2</sub>? contained in the flue gas to SO<sub>3</sub>? when conditioning agent is needed and an inoperative position where the flue gas does not flow through the catalyst when conditioning agent is no longer needed.

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- [X] DE 1457091 A1 19691009 - METALLGESELLSCHAFT AG
- See references of WO 9319852A1

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