Title (en)

PROCESS AND SYSTEM TO SUSTAIN A CONTROLLED VARIABLE IN A FLUIDISED-BED COMBUSTION PLANT

Publication

EP 0362551 A3 19910102 (DE)

Application

EP 89115969 A 19890830

Priority

DE 3833489 A 19881001

Abstract (en)

[origin: EP0362551A2] To maintain a constant regulating variable, particularly of the bed temperature of a fluidized-bed combustion plant, a regulating element (24) is used which is arranged in a feed line (20) for feeding fluidization air to a syphon (15), via which solid matter separated from the flue gas of the fluidized-bed combustion plant is fed back into the fluidized bed (5). The actuating drive (23) of the regulating element (24) is coupled to a temperature sensor (27) arranged in the fluidized bed (5), in such a manner that the quantity of fluidizing air is increased when the measured bed temperature exceeds a predetermined value. The quantity of fluidizing air is reduced when the measured bed temperature drops below the predetermined value. <IMAGE>

IPC 1-7

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IPC 8 full level

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Citation (search report)

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- [A] US 4442797 A 19840417 - STROHMEYER JR CHARLES [US]
- [A] DE 3343870 A1 19850718 - HUTHER & CO [DE]

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