

Title (en)

METHOD AND DEVICE FOR REINJECTING FLYASH PARTICLES INTO A BOILER FOR SOLID FUEL

Publication

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Application

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Abstract (en)

[origin: WO8502246A1] In a boiler supplied with fuel by a projector (17) and comprising a so called "back" grid (3), the flue gas are picked up and traverse successively means (36) for the separation of the coarse flown-off particles and means (43) for the separation of fine particles, before being evacuated; the coarse particles are reinjected into the boiler in a known manner; furthermore, the irregular flow rate of particles of the second separation means (43) is transformed into a continuous flow rate, at least approximately proportional to the boiler load, and said continuous flow rate is introduced in a continuous transport air flow rate with which it is injected into a portion of the path (20) of the fuel from the projector (17) which is close to the grid (3); thereby, it is possible to reinject and burn into the boiler all particles flown off with the flue gas without perturbing the operation of the boiler.

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