Title (en)

METHOD AND SYSTEM FOR CRUSHING AND DRYING A SOLID FUEL

Publication

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Application

**EP 91905840 A 19910306**

Priority

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Abstract (en)

[origin: WO9114133A1] There is a supply of adjustable-temperature gas fed on the one hand to the crusher (1) and on the other to its pre-drying means (16, 17). At the crusher outlet the gas which has passed through it is brought together with the gas which has passed through the pre-drying means to convey the crushed material. The total flow rate QA of gas at the outlet lies between a minimum and maximum and the flow rate Q1 of the gas passing through the crusher is proportional to the quantity Qc of material taken to the crusher. According to the invention, a temperature T to be attained for the gas at the outlet which may depend on the humidity of the material is fixed and the gas supply is adjusted so that it is as hot as possible with the quantity of gas passing through the pre-drying means limited to the minimum.

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F23K 1/00

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

- Revue Alsthom, No. 1, 1985, G. Vergniol: "Un broyer unique par chaudière en chauffe directe", pages 31-40
- VGB Kraftwerkstechnik, volume 67, no. 12, December 1987, W. Heitmüller et al.: "Rohrkugelmühlen für eine Steinkohlenstaubfeuerung mit direkter Einblasung", pages 1185-1192

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