

Title (en)

Coal dust burner

Publication

EP 0140075 A2 19850508 (DE)

Application

EP 84110743 A 19840908

Priority

DE 3337972 A 19831019

Abstract (en)

1. Dust introduction system into a hot zone, especially into a shaft furnace or pulverized coal burner for hot water or steam boilers or hot gas generators, comprising a metering apparatus, the metering apparatus consisting of a jet conveyor having a distributor head and at least two discharge openings (10), characterized in that the discharge openings (10) are orientated parallel and are each equipped with a single and independently adjustable valve cone (11), the valve cones (11) being also constructed as injectors.

Abstract (de)

Bei Staubbrennern mit einem Düsenförderer als Staubzuführung wird das Brennstaub-/Druckluftgemisch mittels eines nachgeschalteten Verteilerkopfes in mehrere Brennstaub-/Luftströmungen aufgeteilt, die getrennt verschiedensten Stellen des Brenners zugeführt werden.

IPC 1-7

F23K 3/02

IPC 8 full level

C21B 5/00 (2006.01); **F23K 3/02** (2006.01)

CPC (source: EP)

C21B 5/003 (2013.01); **F23K 3/02** (2013.01)

Cited by

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