

Title (en)

APPARATUS FOR DISCHARGING COMBUSTION RESIDUES OF BURNING INSTALLATIONS, PARTICULARLY REFUSE INCINERATORS

Publication

EP 0185848 B1 19900103 (DE)

Application

EP 85110798 A 19850828

Priority

CH 435984 A 19840912

Abstract (en)

[origin: US4599951A] A water-fillable trough receives the incineration residues from the drop shaft of a furnace. A partially water-fillable discharge chute slopes upwards from the trough and is provided at its upper end with an overflow edge. A reciprocable piston conveys the incineration residue from the trough to a circulating device arranged in the discharge chute. The circulating device is in the form of a conveyor belt or a scraper chain and conveys the incineration residues through the discharge chute to the overflow edge. A shutting-off device for separating the chute from the trough is arranged above the transition point between the trough and the chute. The shutting-off device can be in the form of a slide provided with a hoist drive which passes through the upper wall of the chute, or a flap freely suspended by means of joints on the upper chute wall, or as a rubber apron freely suspended from the upper chute wall.

IPC 1-7

F23G 5/44; F23J 1/02

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

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EP 0185848 A2 19860702; EP 0185848 A3 19870225; EP 0185848 B1 19900103; CH 663661 A5 19871231; DE 3575195 D1 19900208; JP S6183821 A 19860428; KR 870003348 A 19870416; KR 940010660 B1 19941024; US 4599951 A 19860715

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