

Title (en)

Feeding pit for waste incinerator with cutting apparatus

Title (de)

Fallschacht eines Beschickungssystems einer Abfallverbrennungsanlage mit einer Schneidvorrichtung

Title (fr)

Puits d'alimentation d'incinérateur d'ordures avec dispositif de sectionnement

Publication

EP 1081433 B1 20041020 (DE)

Application

EP 00117241 A 20000814

Priority

CH 159799 A 19990902

Abstract (en)

[origin: EP1081433A1] The pressure well of a charging system (58) of a waste combustion plant comprises a cutting device (10) having a pulling and pushing mechanism (18) and a knifing disk (24). The pulling and pushing mechanism moves to and fro between an open position exposing the pressure well (12) and a closed position. The knifing disk can be moved over a gap between a pressure pad (16) and the pulling and pushing mechanism when the closed position is not reached as a result of waste being present between the pad and the mechanism. Preferred Features: The pressure pad is formed as a disk element, and the pad and the pulling and pushing mechanism can move in a common plane at right angles to the longitudinal direction of the well.

IPC 1-7

F23G 5/44; C10B 53/00; B65D 90/58; F23G 5/033

IPC 8 full level

F23G 5/00 (2006.01); **F23G 5/02** (2006.01); **F23G 5/033** (2006.01); **F23G 5/44** (2006.01)

CPC (source: EP KR US)

F23G 5/033 (2013.01 - EP KR US); **F23G 5/444** (2013.01 - EP US); **F23G 2205/16** (2013.01 - EP US); **F23G 2205/18** (2013.01 - EP US)

Cited by

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DOCDB simple family (publication)

EP 1081433 A1 20010307; **EP 1081433 B1 20041020**; CZ 20003205 A3 20010411; CZ 295924 B6 20051116; DE 50008305 D1 20041125; JP 2001082717 A 20010330; JP 3507980 B2 20040315; KR 100386297 B1 20030602; KR 20010030249 A 20010416; TW 455667 B 20010921; US 6382112 B1 20020507

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