

Title (en)

Device for feeding fuel to a roller grate

Title (de)

Vorrichtung zur Aufgabe von Brennstoff auf einen Walzenrost

Title (fr)

Dispositif pour l'alimentation en combustible d'une grille à rouleaux

Publication

EP 0633431 B1 19960717 (DE)

Application

EP 94105945 A 19940416

Priority

DE 4322909 A 19930709

Abstract (en)

[origin: EP0633431A1] A feed shaft (7) is connected in front of a roller grate for the incineration, in particular, of rubbish. The roller grate has several cylindrical grate rollers (1) arranged along an inclined plane. The feed shaft (7) is intended for loading the roller grate and is provided at its bottom end with a feed opening (13) and a feed table (8) defining the feed opening (13) from below. A thrust piston (10) is guided back and forth in a sliding manner over the feed table (8). The grate roller (1) adjacent to the feed shaft (7) is arranged at a lateral distance from the discharge edge (11) of the feed table (8). The top vertex (14) of this grate roller (1) lies in the plane of the feed table (8) or at most up to half the radius of the grate roller (1) above or below this plane, so that a sump is formed between the discharge edge (11) and the said grate roller (1). <IMAGE>

IPC 1-7

F23G 5/44; **F23G 5/00**

IPC 8 full level

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

CPC (source: EP)

F23G 5/002 (2013.01); **F23G 5/444** (2013.01); **F23G 2203/103** (2013.01); **F23G 2205/10** (2013.01); **F23G 2205/16** (2013.01)

Cited by

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EP 0633431 A1 19950111; **EP 0633431 B1 19960717**; AT E140526 T1 19960815; DE 4322909 A1 19950112; DE 59400432 D1 19960822; DK 0633431 T3 19961125; ES 2091063 T3 19961016

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