

Title (en)
PROCESS FOR REGULATING THE AMOUNT OF WASTE OR THE THICKNESS OF LAYERS OF WASTE ON INCINERATION GRATES

Title (de)
VERFAHREN ZUR REGELUNG DER MÜLLMENGE BZW. DER MÜLLSCHICHT AUF VERBRENNUNGSROSTEN

Title (fr)
PROCEDE DE REGULATION DU VOLUME DES ORDURES, RESPECTIVEMENT DE LA COUCHE D'ORDURES SUR DES GRILLES DE COMBUSTION

Publication
EP 0593749 B1 19960131 (DE)

Application
EP 93911732 A 19930507

Priority
• DE 4215997 A 19920513
• DE 9300400 W 19930507

Abstract (en)
[origin: WO9323707A1] Whereas in the state of the art a constant combustion power was sought in waste incineration plants, so that different amounts of waste were supplied to the incineration grate depending on the calorific value, it could be ascertained the legal requirements concerning the degree of combustion could be better complied with by maintaining on the grate a layer of materials to be burned having a uniform thickness. Grate loading and transport speed of the material to be burned, generated by movable grate bars, are thus regulated depending on the amount of waste on the grate or its zones. The hydraulic pressure of the grate drive is used for measurement and regulation.

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F23G 5/50

IPC 8 full level
F23G 5/00 (2006.01); **F23G 5/50** (2006.01)

CPC (source: EP KR US)
F23G 5/002 (2013.01 - EP US); **F23G 5/50** (2013.01 - EP KR US); **F23G 2207/102** (2013.01 - EP US); **F23G 2207/114** (2013.01 - EP US); **F23G 2207/20** (2013.01 - EP US); **F23G 2900/55009** (2013.01 - EP US)

Cited by
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BE CH DE ES FR GB IT LI NL SE

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WO 9323707 A1 19931125; CA 2112740 A1 19931125; CA 2112740 C 19990914; DE 4215997 A1 19931118; DE 4215997 C2 19950907; DE 59301548 D1 19960314; EP 0593749 A1 19940427; EP 0593749 B1 19960131; ES 2082646 T3 19960316; JP H06508918 A 19941006; KR 940701527 A 19940528; TW 225580 B 19940611; US 5398623 A 19950321

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