

Title (en)

Packed bed device with gas treatment, especially cooler

Title (de)

Vorrichtung zum Behandeln eines Schüttgutbetts mit einem Gas, insbesondere Brenngutkühler

Title (fr)

Dispositif pour le traitement d'un lit tassé avec un gaz, en particulier refroidisseur

Publication

EP 0616184 B1 20000105 (DE)

Application

EP 94103601 A 19940309

Priority

DE 9304121 U 19930319

Abstract (en)

[origin: EP0616184A1] Packed bed device with gas treatment, especially cooler, comprising a push grating (1) with at least one grating element (3) which is moved to and fro in the conveying direction and to which the gas can be supplied from a stationary source (15) via a pipeline (6, 7, 8, 13, 17, 18) which comprises, inside a substantially closed grating underlying space (20) subjected to overpressure, a compensator (16) for taking up the relative movement between the stationary source and the grating element. The compensator (16) is formed by parts (17, 18) which are telescopically displaceable one inside the other. The structure of the compensator can be simple and insensitive, since leakage losses are permissible in view of the maintenance of the overpressure in the grating underlying space. <IMAGE>

IPC 1-7

F27D 15/02; **F27B 7/38**; **C04B 7/47**; **F23H 3/02**

IPC 8 full level

C04B 7/47 (2006.01); **F23H 3/02** (2006.01); **F27B 7/38** (2006.01); **F27D 15/02** (2006.01); **F27D 99/00** (2010.01)

CPC (source: EP)

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AT CH DE DK ES FR GR IT LI SE

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EP 0616184 A1 19940921; **EP 0616184 B1 20000105**; AT E188544 T1 20000115; DE 59409045 D1 20000210; DE 9304121 U1 19940721; DK 0616184 T3 20000619; ES 2142885 T3 20000501; GR 3033115 T3 20000831

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