

Title (en)  
CYLINDRICAL GRATE FOR INCINERATORS

Publication  
**EP 0124826 B1 19870722 (DE)**

Application  
**EP 84104631 A 19840425**

Priority  
DE 3316363 A 19830505

Abstract (en)  
[origin: US4537139A] A drum-shaped grate of an incinerator includes a plurality of cylindrical drums, the grate covering of which is formed of a plurality of suspended middle grate bars which are combined in segments and arrested by fixed grate bars. The adjacent grate bars in the circular direction are suspended on bar carriers and the lateral faces of each two adjacent grate bars are spaced from each other by spacers. The surfaces of the spacers positioned between each two adjacent grate bars and abutting against each other are flat and smooth. Due to a possible relative displacement of the middle grate bars in their longitudinal direction owing to the placing of the spacers between the adjacent bars a clogging of the air slots formed between the grate bars would be prevented.

IPC 1-7  
**F23H 9/02**; **F23H 17/00**; **F23H 3/02**

IPC 8 full level  
**F23H 3/02** (2006.01); **F23H 9/02** (2006.01); **F23H 17/00** (2006.01)

CPC (source: EP US)  
**F23H 3/02** (2013.01 - EP US); **F23H 9/02** (2013.01 - EP US); **F23H 17/00** (2013.01 - EP US)

Cited by  
DE4300636C1; EP0399898A1; FR2647532A1; US5057011A; WO2011003820A1; EP2305288A2; WO2016001862A1; WO2014102623A1; WO2014096985A2; WO2015044922A1; US9707176B2; EP2289539A1; WO2011003822A2; EP3202394A1; EP2113718A2; WO2011003823A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0124826 A2 19841114**; **EP 0124826 A3 19850529**; **EP 0124826 B1 19870722**; AT E28504 T1 19870815; DE 3316363 A1 19841108; DE 3316363 C2 19911017; DE 3464956 D1 19870827; US 4537139 A 19850827

DOCDB simple family (application)  
**EP 84104631 A 19840425**; AT 84104631 T 19840425; DE 3316363 A 19830505; DE 3464956 T 19840425; US 60802284 A 19840503