

Title (en)  
ROTARY HEATING CHAMBER FOR SOLIDS

Title (de)  
DREHBARE HEIZKAMMER FÜR FESTGUT

Title (fr)  
CHAMBRE DE CHAUFFE ROTATIVE POUR PRODUITS SOLIDES

Publication  
**EP 0716676 B2 20010822 (DE)**

Application  
**EP 94924703 A 19940830**

Priority  
• DE 9400996 W 19940830  
• DE 4329871 A 19930903  
• DE 4429897 A 19940823

Abstract (en)  
[origin: WO9506698A1] A heating chamber for solids which can rotate about its longitudinal axis (10), especially a low-temperature carbonisation drum (8) for waste (A), is fitted with a plurality of largely mutually parallel heating pipes (12) installed inside it. In order to ensure that only finely divided matter can collect between the heating pipes (12b) and the inner wall (33) of the heating chamber, according to the invention the heating pipes (12) viewed in cross section are arranged in a virtually closed row along the wall (33) of the inner chamber (13). In this row, which may be circular, there are blind tubes (12D) which are preferably easy to remove and, in particular, have the same diameter as the heating pipes (12b).

IPC 1-7  
**C10B 1/10; F27B 7/04**

IPC 8 full level  
**C10B 1/10** (2006.01); **C10B 47/30** (2006.01); **C10B 53/00** (2006.01); **F23G 5/027** (2006.01); **F23G 5/20** (2006.01); **F27B 7/04** (2006.01); **F27B 7/34** (2006.01); **F28D 11/04** (2006.01); **F28F 9/18** (2006.01); **F23G 7/00** (2006.01)

CPC (source: EP KR US)  
**C10B 47/30** (2013.01 - EP KR US); **C10B 53/00** (2013.01 - EP KR US); **F23G 2205/121** (2013.01 - EP KR US); **F23G 2900/50201** (2013.01 - EP KR US); **F23G 2900/52001** (2013.01 - EP KR US)

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

DOCDB simple family (publication)  
**WO 9506698 A1 19950309**; AT E166380 T1 19980615; CA 2170908 A1 19950309; CN 1076042 C 20011212; CN 1130394 A 19960904; CZ 53296 A3 19960612; DE 59406041 D1 19980625; DK 0716676 T3 19990308; DK 0716676 T4 20011001; EP 0716676 A1 19960619; EP 0716676 B1 19980520; EP 0716676 B2 20010822; ES 2116609 T3 19980716; ES 2116609 T5 20020116; HU 218442 B 20000828; HU 9600523 D0 19960429; HU T72953 A 19960628; JP 2789559 B2 19980820; JP H08510502 A 19961105; KR 100304305 B1 20011122; KR 960704997 A 19961009; PL 313146 A1 19960610; RU 2124036 C1 19981227; SK 27796 A3 19970709; SK 281940 B6 20010911; TW 287223 B 19961001; US 5716205 A 19980210

DOCDB simple family (application)  
**DE 9400996 W 19940830**; AT 94924703 T 19940830; CA 2170908 A 19940830; CN 94193277 A 19940830; CZ 53296 A 19940830; DE 59406041 T 19940830; DK 94924703 T 19940830; EP 94924703 A 19940830; ES 94924703 T 19940830; HU 9600523 A 19940830; JP 50787295 A 19940830; KR 19960701066 A 19960302; PL 31314694 A 19940830; RU 96107102 A 19940830; SK 27796 A 19940830; TW 83108705 A 19940917; US 61052096 A 19960304