

Title (en)  
INSTALLATION FOR CARBONIZING WASTE

Publication  
**EP 0326817 B1 19921202 (DE)**

Application  
**EP 89100361 A 19890111**

Priority  
• DE 3803096 A 19880203  
• DE 3804853 A 19880217

Abstract (en)  
[origin: EP0326817A2] The installation for carbonising wastes has a carbonising device and a postcombustion chamber. The object of the invention here is to keep the heating device of the carbonisation installation wholly or largely free of corrosion and to allow gases polluting the environment to be converted in the postcombustion chamber into gases of low pollutant content, which is to be achieved by constructionally simple means. For this purpose, it is provided that the heating gas of the carbonisation device (1) is passed in a closed circulation through the carbonisation device and a cylindrical heat exchanger (12) of the postcombustion chamber (8), which heat exchanger is provided on the inside with such a lining (17) that the temperature of the burner gases in the exchanger (12) is 1200 DEG C or higher over a residence time of the gases of from 1.0 - 5.0 seconds.  
<IMAGE>

IPC 1-7  
**C10B 53/00**; **F23G 5/027**; **F23G 5/48**; **F23M 5/00**

IPC 8 full level  
**C10B 53/00** (2006.01); **F23G 5/027** (2006.01); **F23G 5/48** (2006.01); **F23M 5/00** (2006.01)

CPC (source: EP US)  
**F23G 5/0273** (2013.01 - EP US); **F23G 5/48** (2013.01 - EP US); **F23M 5/00** (2013.01 - EP US)

Cited by  
DE19528018B4; CN110801724A

Designated contracting state (EPC)  
CH DE FR GB IT LI NL

DOCDB simple family (publication)  
**EP 0326817 A2 19890809**; **EP 0326817 A3 19900627**; **EP 0326817 B1 19921202**; DE 3804853 A1 19890817; DE 3804853 C2 19900503; DE 58902837 D1 19930114; UA 13104 A 19970228; US 4913064 A 19900403

DOCDB simple family (application)  
**EP 89100361 A 19890111**; DE 3804853 A 19880217; DE 58902837 T 19890111; UA 4613339 A 19890131; US 30527989 A 19890201