

Title (en)
PLANT FOR THE DISPOSAL OF WASTE MATERIALS

Publication
EP 0340537 B1 19911023 (DE)

Application
EP 89107049 A 19890419

Priority
DE 3815186 A 19880504

Abstract (en)
[origin: EP0340537A1] The plant comprises a carbonisation device (1) and a combustion chamber (18) with a postcombustion chamber (8). The heating gas (h) for the carbonisation device (1), preferably an inert gas or air, is passed around a closed circulation and thus heated in a heat exchanger (12) on the postcombustion chamber (8). The inside lining (17) of the postcombustion chamber (8) is designed at least partially for a temperature of 1200 DEG C and higher. The residence time of the flue gases in a delay section (S) within the postcombustion chamber (8) is 1 to 5 seconds. Preferably, the delay section (S) is located before the heat exchanger (12), as viewed in the direction of flow of the flue gases. In this way, the flue gases are allowed to cool down inside the heat exchanger (12) to a temperature below 1200 DEG C, which is an advantage. <IMAGE>

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

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

CPC (source: EP)
C10B 53/00 (2013.01); **F23G 5/0273** (2013.01); **F23G 2201/302** (2013.01); **F23G 2201/303** (2013.01); **F23G 2201/304** (2013.01)

Cited by
US5935387A; EP0495766A3; EP0326817A3; DE4107200A1; DE4104507A1; DE4100859A1; CN112762459A; DE4103605A1; EP0498257A3; US5318672A; WO9636472A1

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