

Title (en)
Process and device for waste treatment

Title (de)
Verfahren und Einrichtung zur Abfallverarbeitung

Title (fr)
Procédé et dispositif pour le traitement de déchets

Publication
EP 1406044 B1 20070718 (DE)

Application
EP 03022047 A 20031001

Priority
DE 10245954 A 20021002

Abstract (en)
[origin: EP1406044A1] The method for treating moist waste comprises feeding it via a conveyor screw (16), while it is being heated, into a first combustion chamber (6). The waste is in direct contact with the atmosphere in the chamber when in at least the end section of the screw and undergoes pyrolysis, which is completed in the combustion chamber. Ash produced is subjected to post-combustion in an ash bed (34) with pulsed injection of air. Pyrolysis gas is intensively mixed with flue gases from the combustion of pyrolysis products in a second combustion chamber (7) and also subjected to post-combustion. An Independent claim is included for plant for carrying out the method.

IPC 8 full level
F23G 5/027 (2006.01); **F23G 5/16** (2006.01)

CPC (source: EP)
F23G 5/0276 (2013.01); **F23G 5/16** (2013.01); **F23G 2201/303** (2013.01); **F23G 2201/304** (2013.01); **F23G 2202/40** (2013.01); **F23G 2205/121** (2013.01)

Cited by
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Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 1406044 A1 20040407; **EP 1406044 B1 20070718**; AT E367558 T1 20070815; DE 50307688 D1 20070830; NO 20034397 D0 20031001; NO 20034397 L 20040405; NO 324180 B1 20070903

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