

Title (en)
DESTRUCTIVE, ESPECIALLY COMPLETE COMBUSTION, PROCESS

Title (de)
VERFAHREN ZUM ABBAU INSBESONDERE ZUR VOLLSTÄNDIGEN VERBRENNUNG

Title (fr)
PROCEDE DE DESTRUCTION, EN PARTICULIER DE COMBUSTION COMPLETE

Publication
EP 0750731 B1 19971015 (DE)

Application
EP 95909576 A 19950302

Priority
• AT 9500042 W 19950302
• AT 56494 A 19940317

Abstract (en)
[origin: WO9525248A1] For the purposes of the complete destruction, especially combustion, of carbon compounds like plastics, hydrocarbons, uncoated or coated paper, slurries and timber waste mixed with halogen-containing material like PVC, i.e. practically sorted domestic rubbish, the hydrocarbons are first mixed in a preliminary stage (7) with hot sand in a water vapour atmosphere, during which water gas is separated off. The degassed residue is taken with the now cooled sand to a fluidised bed combustion process and the gaseous fraction formed in the preliminary stage (7) is taken to a post-combustion process using the fluidised bed exhaust gas as the oxidizer. The hot exhaust gas produced can now be cooled in the ordinary way.

IPC 1-7
F23G 5/30; **F23G 5/027**

IPC 8 full level
F23G 5/027 (2006.01); **F23G 5/30** (2006.01)

CPC (source: EP)
F23G 5/027 (2013.01); **F23G 5/30** (2013.01)

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