

Title (en)
INSTALLATION FOR BURNING SPECIAL WASTE

Publication
EP 0353491 B1 19930929 (DE)

Application
EP 89112462 A 19890707

Priority
CH 289288 A 19880729

Abstract (en)
[origin: EP0353491A1] In an installation for burning hazardous waste, a combustion chamber (20) into which some of the hazardous waste, in particular in gaseous and liquid form, is injected by a burner (23) and in which it is burnt is inserted downstream of a rotary tubular furnace (1). The rotary tube (11) of the rotary tubular furnace (1) opens into the combustion chamber (20), which is constructed as a stationary tube, in the lower conically converging region (21). The flue gases produced in the rotary tubular furnace (1) flow upwards together with the flue gases produced in the combustion chamber (20). At the same time, secondary air is also fed in, as a result of which an extraordinarily good burn-up rate is achieved right up to the end of the combustion chamber. Since a part of the hazardous waste is burnt in the combustion chamber, the dimensions of the rotary tubular furnace (1) can be reduced. <IMAGE>

IPC 1-7
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IPC 8 full level
F23G 5/00 (2006.01); **F23G 5/16** (2006.01); **F23G 5/20** (2006.01); **F23G 5/32** (2006.01)

CPC (source: EP US)
F23G 5/008 (2013.01 - EP US); **F23G 5/16** (2013.01 - EP US); **F23G 5/20** (2013.01 - EP US); **F23G 2205/16** (2013.01 - EP US); **F23G 2205/18** (2013.01 - EP US); **F23G 2209/12** (2013.01 - EP US); **F23G 2209/28** (2013.01 - EP US); **F23G 2900/52001** (2013.01 - EP US); **F23G 2900/54401** (2013.01 - EP US)

Cited by
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