

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  
**F23G 5/16**; **F23G 5/20**; **F23G 5/32**

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  
DE10036410B4; EP0710799A3; EP0579987A1; DE19650785C2; EP0846918A3; EP0846918A2

Designated contracting state (EPC)  
AT BE DE ES FR GB GR IT LU NL SE

DOCDB simple family (publication)  
**EP 0353491 A1 19900207**; **EP 0353491 B1 19930929**; AT E95291 T1 19931015; CH 679328 A5 19920131; DE 58905747 D1 19931104; ES 2043974 T3 19940101; JP H02154910 A 19900614; JP H0730898 B2 19950410; US 5003893 A 19910402

DOCDB simple family (application)  
**EP 89112462 A 19890707**; AT 89112462 T 19890707; CH 289288 A 19880729; DE 58905747 T 19890707; ES 89112462 T 19890707; JP 19380489 A 19890726; US 38803189 A 19890728