

Title (en)

Incineration process for sludges and possibly with domestic waste

Title (de)

Klärschlamm- und gegebenenfalls auch Hausmüll-Verbrennungsverfahren

Title (fr)

Procédé d'incinération auto-thermique de boues et éventuellement en outre d'ordures ménagères

Publication

**EP 0699868 B1 19991006 (FR)**

Application

**EP 95401878 A 19950810**

Priority

- FR 9410378 A 19940829
- NL 1002006 A 19960102

Abstract (en)

[origin: EP0699868A1] The procedure for burning sludge consists of dehydrating the sludge by centrifuging and drying using heat produced by an incineration furnace, and then introducing the dried sludge into the furnace in a pulverised form together with the domestic waste. The sludge dehydration stage is integrated in a circuit in which fumes from the incinerator are treated, diluted with air and their heat extracted. The procedure is carried out using a furnace with a fluidised bed, and a dilution/atomisation chamber in which heat is extracted from the furnace fumes, with a filter to remove ash from the fumes, and a drying centrifuge.

IPC 1-7

**F23G 5/00**; **F23G 7/00**

IPC 8 full level

**F23G 5/00** (2006.01); **F23G 7/00** (2006.01)

CPC (source: EP US)

**F23G 5/008** (2013.01 - EP US); **F23G 7/001** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

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**EP 0699868 A1 19960306**; **EP 0699868 B1 19991006**; DE 699868 T1 19961010; ES 2083351 T1 19960416; ES 2083351 T3 19991201; FR 2724008 A1 19960301; FR 2724008 B1 19970509; JP H0875133 A 19960319; NL 1002006 A1 19970703; NL 1002006 C2 19970703; US 5630366 A 19970520; ZA 956933 B 19960225

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