

Title (en)

METHOD AND PLANT FOR CLEANING LIGHTLY RADIOACTIVE WASTE INCINERATION GASES

Title (de)

VERFAHREN UND ANLAGE ZUR ABGASREINIGUNG ENTSTEHEND BEI VERBRENNUNG VON SCHWACHRADIOAKTIVEN ABFÄLLEN

Title (fr)

PROCEDE ET INSTALLATION D'EPURATION DE FUMEEES ISSUES DE L'INCINERATION DE DECHETS FAIBLEMENT RADIOACTIFS

Publication

EP 0750784 A1 19970102 (FR)

Application

EP 95912311 A 19950314

Priority

- FR 9500300 W 19950314
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Abstract (en)

[origin: WO9525332A1] Plant for cleaning gases (1) from an incinerator (3) of lightly radioactive waste. The plant includes a cooler-condenser (6, 100) for cooling gases (1) to a temperature lower than the dew point, a heater (300) for raising the temperature of the gases as they are discharged from the cooler-condenser (6, 100), a filter (200) for recovering solid particles downstream of the heater before the gases are discharged into the atmosphere, a unit (30) for treating condensates, and capable of precipitating radioactive heavy metals for recovery of a radioactive precipitate and an aqueous solution, and a unit (36) for crystallizing salts and concentrating them to dryness in an aqueous solution and recovering water to be recycled in the plant (2).

IPC 1-7

G21F 9/02

IPC 8 full level

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