

Title (en)

Process for waste incineration and fly ash treatment, and apparatus for carrying out the process

Title (de)

Verfahren für Verbrennung von Abfällen und Behandlung von Flugstäuben und Vorrichtung zur Durchführung des Verfahrens

Title (fr)

Procédé d'incinération de déchets, procédé de traitement des cendres volantes, et dispositif pour la mise en oeuvre de ces procédés

Publication

EP 0921352 B1 20040623 (FR)

Application

EP 98403008 A 19981201

Priority

FR 9715419 A 19971205

Abstract (en)

[origin: EP0921352A1] The procedure consists of collecting the light ash from incineration along the smoke outlet circuit. It is mixed with water or slurry, e.g. from waste water treatment, and returning the mixture to the incinerator firebox (10) to produce clinker and to hydrolyze organic chlorides, recuperating the clinker via an extractor (12). The dry content of the pulp after mixing is between 20 and 40 per cent by weight, and prior to returning to the firebox it can be mixed with the domestic and industrial waste. The apparatus used for the process consists of an incinerator (1), a light ash separator (2), ash recuperators (3,4), a mixer (5) with an aqueous solution feed (6), and a pump (7) for returning the mixture to the firebox (10).

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F23G 5/00; **F23J 3/06**

IPC 8 full level

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CPC (source: EP)

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