

Title (en)

METHOD AND APPARATUS FOR INCINERATING DIFFERENT KINDS OF SOLID AND POSSIBLY LIQUID WASTE MATERIAL.

Title (de)

VERFAHREN UND VORRICHTUNG ZUM VERBRENNEN VON FESTSTOFFABFÄLLEN UND MÖGLICHERWEISE FLÜSSIGEN ABFÄLLEN VERSCHIEDENER ART.

Title (fr)

PROCEDE ET APPAREIL D'INCINERATION DE DIVERS TYPES DE DECHETS SOLIDES ET EVENTUELLEMENT LIQUIDES.

Publication

EP 0536268 B1 19940119 (EN)

Application

EP 91912557 A 19910621

Priority

DK 160090 A 19900703

Abstract (en)

[origin: WO9201197A1] Solid and possibly liquid waste material is incinerated by a) partial combustion on the stepped grates (9, 10, 11) of the solid waste material, the latter being delivered to the rotary kiln (2) at such a high temperature, that a liquid slag is formed at the inlet of the rotary kiln, b) possibly adding liquid waste material to the solid waste material being incinerated on the stepped grates (9, 10, 11), and c) collecting the ash products from the combustion process, such as grate screenings, boiler ash, fly ash, and residual products from flue-gas cleaning, and returning these products to the input end (12) of the rotary kiln (2), at which input end these products are introduced into the liquid slag. In this manner, it is achieved that the slag, fly ash and other harmful residual products from the combustion process are fused into a glass-like mass, from which salts and heavy metal cannot be leached out.

IPC 1-7

F23G 5/38

IPC 8 full level

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CPC (source: EP)

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