

Title (en)

METHOD FOR RECYCLING DOMESTIC SOLID WASTE

Title (de)

VERFAHREN ZUR WIEDERVERWERTUNG VON FESTEM HAUSHALTSMÜLL

Title (fr)

PROCEDE DE RECYCLAGE DE DECHETS MENAGERS SOLIDES

Publication

EP 1136140 A4 20040714 (EN)

Application

EP 98962739 A 19981124

Priority

RU 9800393 W 19981124

Abstract (en)

[origin: EP1136140A1] The present invention relates to a method for recycling domestic solid waste that involves submitting said waste to preliminary disintegration and drying process until a final humidity not exceeding 50% is reached. The waste is further dried until all humidity is completely removed. The waste is then burnt in a regeneration boiler at a temperature t of between 1100 and 1700 DEG C, wherein the waste thus prepared is supplied to the combustor of the boiler in a highly alkaline medium using a screw sprayer, while the time of residence of the combustion products in the flames exceeds three seconds.

IPC 1-7

B09B 3/00; F23G 5/02; F23G 5/033; F23G 5/04

IPC 8 full level

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F23G 5/033 (2013.01); **F23G 5/04** (2013.01); **F23G 5/12** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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