

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 A1 20010926 (EN)**

Application

**EP 98962739 A 19981124**

Priority

RU 9800393 W 19981124

Abstract (en)

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

**F23G 5/033** (2006.01); **F23G 5/04** (2006.01); **F23G 5/12** (2006.01)

CPC (source: EP)

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

Cited by

CN108826301A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1136140 A1 20010926**; **EP 1136140 A4 20040714**; AU 1790499 A 20000613; WO 0030775 A1 20000602

DOCDB simple family (application)

**EP 98962739 A 19981124**; AU 1790499 A 19981124; RU 9800393 W 19981124