Title (en)

METHOD FOR THE THERMAL TREATMENT OF WASTES, AND DEVICE FOR CARRYING OUT THIS METHOD

Publication

EP 0300396 A3 19900131 (DE)

Application

EP 88111479 A 19880716

Priority

DE 3724563 A 19870724

Abstract (en)

[origin: EP0300396A2] In a method for the thermal treatment of wastes, in particular of special wastes, the waste is conveyed to a combustion chamber and combusted giving rise to slag, waste gas and flying dust, the flying dust conducted out with the waste gas being separated off subsequently. In order that considerably smaller quantities of flying dust contaminated with heavy metals arise and the possibility is afforded of recovering the heavy metals, the flying dust is divided into a fine dust fraction and only the coarse dust fraction is conducted back and bound into the liquid slag with evaporation of the adherent volatile harmful substances, while the harmful substances adherent to the fine dust fraction are recovered. <IMAGE>

IPC 1-7

F23J 15/00; F23G 5/16; F23L 7/00

IPC 8 full level

A62D 3/00 (2006.01); **B09B 3/00** (2006.01); **F23G 5/027** (2006.01); **F23G 5/08** (2006.01); **F23G 5/16** (2006.01); **F23G 7/00** (2006.01); **F23J 15/02** (2006.01); **F23L 7/00** (2006.01)

CPC (source: EP US)

F23G 5/085 (2013.01 - EP US); **F23G 5/16** (2013.01 - EP US); **F23J 15/02** (2013.01 - EP US); **F23L 7/00** (2013.01 - EP US)

Citation (search report)
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- [Y] WO 8502246 A1 19850523 - MANUTAIR MOLLER [FR], et al
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