

Title (en)  
DEVICE FOR ENERGETICALLY UTILIZING SOLID WASTE

Title (de)  
VORRICHTUNG ZUM ENERGETISCHEN VERWERTEN VON FESTEN ABFÄLLEN

Title (fr)  
DISPOSITIF DE VALORISATION ENERGETIQUE DE DECHETS SOLIDES

Publication  
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Application  
**EP 06831695 A 20061212**

Priority

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Abstract (en)  
[origin: WO2007069038A2] The invention relates to a device for energetically utilizing solid waste such as used paper, used wood, plastic waste, process waste, industrial sewage sludge, or other solid fractions containing combustible components or mixtures thereof. The aim of the invention is to create a device for thermally utilizing solid waste which has a neutral or even a positive energy balance and is suitable for a wide range of waste while paying special attention to environmental relevance, especially the flue gas composition. Said aim is achieved by providing the inventive device with a material charging mechanism, a charring apparatus, and a thermal post-combustion apparatus. Said basic components make it possible to utilize many different types of solid waste, the feedstock being initially transformed into hot gas which can be converted into steam and power as required.

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