

Title (en)

System for recovery of salvageable ferrous and non-ferrous metal components from incinerated waste materials.

Title (de)

Anlage zur Wiedergewinnung verwertbarer Eisen- und Nichteisenmetallkomponenten aus verbrannten Abfällen.

Title (fr)

Installation pour la récupération de composants métalliques valorisables, ferreux et non ferreux à partir de déchets incinérés.

Publication

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Application

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Priority

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Abstract (en)

The present invention pertains to a system for recovering salvageable and non-ferrous materials from incinerated waste materials including friable, carbonaceous incineration byproducts such as ash, and associated ferrous metal and aluminum and other non-ferrous metal components comprising first crushing means (4) for selectively comminuting carbonaceous incineration byproducts without comminuting associated ferrous and non-ferrous metal components; first separating means (6) coacting with said first crushing means (4) for selectively separating comminuted carbonaceous incineration byproducts from ferrous and non-ferrous metal components; and first magnetic means (11) for separating ferrous metal components from non-ferrous metal components. The present invention further relates to a method for recovery of ferrous and non-ferrous metal components from incinerated waste materials using the system of the present invention and to a novel crusher for selectively comminuting friable materials without comminuting malleable materials.

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Cited by

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