

Title (en)

Method for separating a ferrous fraction and a mineral fraction from waste incineration ashes

Title (de)

Verfahren zur Auftrennung von Müllverbrennungsaschen in Eisen und mineralische Fraktionen

Title (fr)

Procédé pour la séparation d'une fraction ferreuse et d'une fraction minérale, des cendres d'incinération de déchets

Publication

EP 0765686 A3 19970716 (DE)

Application

EP 96114688 A 19960913

Priority

DE 19536374 A 19950929

Abstract (en)

[origin: DE19536374C1] The coarse iron particles are separated off magnetically and the oversized particles are screened. The still damp main fraction is then separated magnetically into a damp non-cleaned iron-containing fraction and a still damp iron-low mineral fraction. The damp iron-containing fraction is mixed with a powdered strongly water-binding polyacrylic acid and this mixture is then pulverised and magnetically separated into dry clean iron fractions and a mineral fraction. Further pulverisation can be carried out.

IPC 1-7

B03B 9/04

IPC 8 full level

B03B 9/04 (2006.01)

CPC (source: EP)

B03B 9/04 (2013.01)

Citation (search report)

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- [A] DE 1192994 B 19650520 - SCHUECHTERMANN & KREMER
- [AD] DE 2609801 A1 19760930 - RECH GEOLOG MINIERE
- [AD] EP 0220853 A2 19870506 - KELLER SAMUEL
- [A] DATABASE WPI Week 8911, Derwent World Patents Index; AN 89-081142, XP002022366

Designated contracting state (EPC)

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