

Title (en)
DEVICE FOR THE SEPARATION OF NON-MAGNETISABLE METALS AND FERROUS COMPONENTS FROM A SOLID MIXTURE AND METHOD FOR OPERATING SAID DEVICE

Title (de)
VORRICHTUNG ZUM ABTRENNEN VON NICHTMAGNETISIERBAREN METALLEN UND FE-ANTEILEN AUS EINER FESTSTOFFMISCHUNG UND VERFAHREN ZUM BETREIBEN DER VORRICHTUNG

Title (fr)
DISPOSITIF DE SEPARATION DE METAUX NON MAGNETISABLES ET DE FRACTIONS DE FER CONTENUS DANS UN MELANGE DE MATERIAUX SOLIDES ET PROCEDE DE FONCTIONNEMENT DUDIT DISPOSITIF

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Abstract (en)
[origin: WO0240172A1] The aim of the invention is to eliminate vibrations and resonances, occurring in the constructional system in a device with a motor-driven system for the separation of non-magnetisable metals, in particular non-ferrous metals and the ferrous fractions in a solids mixture, by means of a drum (2) mounted on and rotating about a stator (1), within which a magnetic rotor (4) fitted with permanent magnets (3) is eccentrically arranged and mounted on said stator (1). Said aim is achieved whereby the stator (1) is provided with a balance weight (1.1) for mass balance.

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