

Title (en)

Device for separating non-magnetisable metals from a mixture of solids

Title (de)

Vorrichtung zum Abtrennen von nichtmagnetisierbaren Metallen aus einem Feststoffgemisch

Title (fr)

Appareil pour la séparation de métaux non-magnétisables à partir d'un mélange de solides

Publication

EP 0550867 B1 19961009 (DE)

Application

EP 92121710 A 19921219

Priority

DE 4200093 A 19920104

Abstract (en)

[origin: EP0550867A1] A device for separating non-magnetisable metals, in particular non-ferrous metals, from a mixture (7) of solids, having an alternating magnetic field generator which deflects the constituents of the mixture onto parabolic trajectories (WM, WA, WK) and in which there are at least two separating vertices (12) arranged at a distance from one another and which respectively project between adjacent parabolic trajectories (WM, WA or WA, WK), permits a variable mode of operation in a simple way and makes it possible to obtain separately the desired fractions contained in the mixture (7) of solids. <IMAGE>

IPC 1-7

B03C 1/24

IPC 8 full level

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CPC (source: EP)

B03C 1/247 (2013.01); **B03C 2201/20** (2013.01)

Cited by

JP2014511271A; US6068133A; CN105618262A; FR2714309A1; CN114749272A; CN112261999A; NL2006306C2; RU2713549C1; US9221061B2; WO9700138A1; WO2012118373A1; US11684952B2; US9033157B2; US9339848B2; US9409210B2; US10052660B2; WO2019197460A1

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