

Title (en)

Process and device for separating stainless steel from mixed material containing it

Title (de)

Verfahren und Gerät zur Trennung von rostfreien Stahl aus gemischten Materialien

Title (fr)

Procédé et dispositif pour la séparation d'acier inoxydable hors de matériau mixte

Publication

EP 0687504 A1 19951220 (EN)

Application

EP 95830244 A 19950612

Priority

IT MI941234 A 19940614

Abstract (en)

A process for separating stainless steel from mixed materials containing it, wherein these materials are conveyed through a magnetic field having a magnetic potential gradient higher than 1500 Oe/cm with consequent attraction and stopping of stainless steel and its separation from the inert materials which are not attracted. Such a process is carried out with a device comprising a magnetic field generator consisting of a plurality of magnets arranged in parallel lines and rows wherein the polarities of the magnets are alternated in each line and in each row, every magnet being magnetically insulated each other. <IMAGE>

IPC 1-7

B03C 1/035; **B03C 1/12**; **B03C 1/18**; **B03C 1/22**

IPC 8 full level

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Citation (search report)

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