

Title (en)

METHOD FOR THE CONTINUOUS MAGNETIC ORE SEPARATION AND/OR DRESSING AND RELATED SYSTEM

Title (de)

VERFAHREN ZUR KONTINUIERLICHEN MAGNETISCHEN ERZTRENNUNG UND/ODER -AUFBEREITUNG SOWIE ZUGEHÖRIGE ANLAGE

Title (fr)

PROCÉDÉ CONTINU DE SÉPARATION ET/OU DE PRÉPARATION MAGNÉTIQUE DE MINÉRAI ET INSTALLATION ASSOCIÉE

Publication

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Application

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Abstract (en)

[origin: WO2011023426A1] Continuous methods for magnetic ore separation that operate mechanically using drum, band or roll separators are known from the prior art. According to the present invention, a magnetically operating method is developed such that it can be operated in a continuous mode of operation. The materials used are recycled, particularly the magnetite as hydrophobic magnetizable material and the diesel oil as de-agglomeration auxiliary material. The devices and units of the prior art can be used in the related system, and the system is completed by installing a magnetic separator (40) within the meaning of the method according to the invention.

IPC 8 full level

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