Title (en)

METHOD AND DEVICE FOR SEPARATING DIFFERENT ELECTRICALLY CONDUCTIVE PARTICLES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR TRENNUNG VON UNTERSCHIEDLICH ELEKTRISCH LEITFÄHIGEN PARTIKELN

Title (fr)

PROCEDE ET DISPOSITIF POUR SEPARER DES PARTICULES A CONDUCTIONS ELECTRIQUES DIFFERENTES

Publication

EP 1054737 B1 20021113 (DE)

Application

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Abstract (en)

[origin: US6318558B1] The invention relates for separating different electrically conductive particles, especially of waste materials, by means of an eddy-current separation, whereby the supplied particles to be separated are cooled. The invention also relates to an eddy-current separator provided for carrying out said method. The separator has a rotational magnet system and a transport system for guiding the particles to be separated along the magnet system. A cooling chamber through which the particles are guided is located immediately upstream from the magnet system. The conductivity of the non-iron metallic particles is increased by cooling thus allowing differential separation of these materials.

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IPC 8 full level

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DOCDB simple family (publication)

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