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 A1 20001129 (DE)

Application

EP 99906222 A 19990209

Priority

- DE 19804878 A 19980209
- EP 9900845 W 19990209

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.

IPC 1-7

B03C 1/23; B03C 1/247

IPC 8 full level

B03C 1/23 (2006.01); **B03C 1/247** (2006.01)

CPC (source: EP US)

B03C 1/23 (2013.01 - EP US); **B03C 1/247** (2013.01 - EP US); B03C 2201/20 (2013.01 - EP US)

Citation (search report)

See references of WO 9939831A1

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DE102009056717A1; WO2011067402A1; DE202016103266U1; EP3260203A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

US 6318558 B1 20011120; AT E227606 T1 20021115; AU 2622999 A 19990823; DE 19804878 A1 19990812; DE 59903394 D1 20021219; DK 1054737 T3 20030310; EP 1054737 A1 20001129; EP 1054737 B1 20021113; ES 2182488 T3 20030301; PT 1054737 E 20030331; WO 9939831 A1 19990812

DOCDB simple family (application)

US 60196800 A 20000809; AT 99906222 T 19990209; AU 2622999 A 19990209; DE 19804878 A 19980209; DE 59903394 T 19990209; DK 99906222 T 19990209; EP 9900845 W 19990209; EP 99906222 A 19990209; ES 99906222 T 19990209; PT 99906222 T 19990209