

Title (en)

LINEAR MAGNETIC SEPARATOR USING FOUCAULT CURRENTS

Title (de)

WIRBELSTRÖME VERWENDENDER MAGNETISCHER LINEARABSCHEIDER

Title (fr)

SÉPARATEUR MAGNÉTIQUE LINÉAIRE À COURANTS DE FOUCAULT

Publication

EP 2135678 A4 20130508 (EN)

Application

EP 07730452 A 20070411

Priority

ES 2007000212 W 20070411

Abstract (en)

[origin: EP2135678A1] A linear magnetic Separator using eddy currents in which the material to be treated is transported by a vibrating chute or a conveyor belt over the magnetic rotor, in the direction of its axis and forcing the material to run along the entire length of the magnetic rotor a longitudinally and laterally diverting the electric conductor particles by the repulsion generated in their mass by the eddy currents through the action of the alternating magnetic field caused by the rotor as it rotates.

IPC 8 full level

B03C 1/247 (2006.01); **B03C 1/06** (2006.01); **B03C 1/18** (2006.01)

CPC (source: EP)

B03C 1/06 (2013.01); **B03C 1/18** (2013.01); **B03C 1/247** (2013.01); **B03C 2201/20** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2008125699A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2135678 A1 20091223; **EP 2135678 A4 20130508**; WO 2008125699 A1 20081023

DOCDB simple family (application)

EP 07730452 A 20070411; ES 2007000212 W 20070411