

Title (en)
SEPARATOR EMPLOYING EDDY CURRENTS

Title (de)
TRENNVORRICHTUNG MIT WIRBELSTRÖMEN

Title (fr)
SÉPARATEUR PAR COURANT DE FOUCAULT

Publication
EP 2836304 A1 20150218 (FR)

Application
EP 13723828 A 20130412

Priority
• FR 1201088 A 20120412
• FR 2013000100 W 20130412

Abstract (en)
[origin: WO2013153296A1] This separator, which employs eddy currents, comprises: an endless belt (2) provided in order to transport the mixture as far as a sorting section (22); rotating drums (3, 4) around which the endless belt (2) runs; and a multipolar magnetic rotor (7) driven in rotation in order to generate an alternating inductive magnetic field. The sorting section (22) is shifted relative to each rotating drum (3, 4) along the path of the endless belt (2). The magnetic rotor (7) is placed externally to each rotating drum (3, 4). The path of the endless belt (2) comprises an unloading zone (24) that follows the sorting section (22).

IPC 8 full level
B03C 1/247 (2006.01)

CPC (source: EP US)
B03C 1/18 (2013.01 - EP US); **B03C 1/247** (2013.01 - EP US); **B03C 1/02** (2013.01 - US); **B03C 2201/20** (2013.01 - EP US)

Citation (search report)
See references of WO 2013153296A1

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