

Title (en)
DEVICE FOR SEPARATING NON MAGNETIC METALS FROM A SOLID MIXTURE

Publication
EP 0342330 A3 19900912 (DE)

Application
EP 89104611 A 19890315

Priority
• DE 3817003 A 19880519
• DE 3906422 A 19890301

Abstract (en)
[origin: EP0342330A2] In order to improve the mode of operation of a device for separating non-magnetic metals, in particular non-ion metals, from a solid mixture by means of a rotating drum (5), in which a rotating magnetic rotor (6) equipped with permanent magnets (9) is arranged, it is proposed, for the purpose of setting the effective region of the alternating magnetic field generated by the magnet rotor (6), to adjust the position of the rotational axis (14) of the magnet rotor (6) in the quadrant (18) of the material ejection zone (20) by swivelling in the circumferential direction and/or radial displacement. <IMAGE>

IPC 1-7
B03C 1/02

IPC 8 full level
B03C 1/02 (2006.01); **B03C 1/24** (2006.01); **B03C 1/247** (2006.01)

CPC (source: EP)
B03C 1/247 (2013.01); **B03C 2201/20** (2013.01)

Citation (search report)
• [A] DE 915921 C 19540802 - WESTFALIA DINNENDAHL GROEPPEL
• [AD] DE 3416504 A1 19851107 - WAGNER ELEKTROMAGNET APP [DE]
• [AD] US 3448857 A 19690610 - BENSON WILLIAM H, et al
• [E] EP 0339195 A2 19891102 - STEINERT ELECTROMAGNETBAU GMBH [DE]
• [A] PATENT ABSTRACTS OF JAPAN, Band 6, Nr. 214 (C-131)[1092], 27. Oktober 1982, Seite 95 C 131; & JP-A-57 119 856 (HITACHI KINZOKU K.K.) 26-07-1982

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