

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

Publication  
**EP 0342330 B1 19930929 (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**; **B03C 1/24**

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)

Cited by  
DE202009014381U1; US7367457B2; US5931308A; NL2011525C2; NL2013128B1; US5080234A; AU2004320545B2; US5494172A; US5207330A; CN114570523A; CN114950720A; EP0439983A3; FR2657544A1; DE202006005845U1; US5860532A; EP0977633A4; US5057210A; EP2289628A1; EP2644277A3; DE10056658C1; US6068133A; EP0339195A3; EP0550867A1; CN115970886A; DE102005054811A1; DE102005054811B4; DE10057535C1; US5522513A; CN107790280A; US8056730B2; WO9906151A1; WO9829190A1; WO9803266A1; WO2015047095A1; WO2016003286A1; WO2005120714A1; WO9700138A1; DE202010014509U1; EP2314378A1; TWI446971B

Designated contracting state (EPC)  
AT DE ES FR GB IT NL

DOCDB simple family (publication)  
**EP 0342330 A2 19891123**; **EP 0342330 A3 19900912**; **EP 0342330 B1 19930929**; DE 58905733 D1 19931104; ES 2043920 T3 19940101

DOCDB simple family (application)  
**EP 89104611 A 19890315**; DE 58905733 T 19890315; ES 89104611 T 19890315