

Title (en)

DEVICE FOR THE MAGNETIC ACTUATION OF A MOBILE MEMBER IN A CIRCULATION DUCT FOR A PRODUCT CONTAINING METAL PARTICLES

Title (de)

VORRICHTUNG ZUR MAGNETISCHEN BETÄTIGUNG EINES MOBILEN ELEMENTS IN EINER ZIRKULATIONSLEITUNG FÜR EIN PRODUKT MIT METALLPARTIKELN

Title (fr)

DISPOSITIF D'ACTIONNEMENT MAGNETIQUE D'UN ORGANE MOBILE DANS UN CONDUIT DE CIRCULATION D'UN PRODUIT COMPORTANT DES PARTICULES METALLIQUES

Publication

EP 2126937 A1 20091202 (FR)

Application

EP 08775586 A 20080222

Priority

- FR 2008000231 W 20080222
- FR 0701556 A 20070302

Abstract (en)

[origin: FR2913280A1] The device has a magnetic field generator (30) placed outside a non-magnetic cylindrical duct (20). A permanent magnetic field generator (23) is placed inside the duct and separated from the external generator by a non-magnetic separator wall. The generator (23) is connected to a valve (21) and includes an internal face (31) that is spaced apart from the wall. The generator (23) is carried by a non-magnetic guide part. The part has guide washers (25, 26) located adjacent to the wall beyond ends of the permanent generator with respect to a direction of a generated magnetic field.

IPC 8 full level

H01F 7/02 (2006.01); **F16K 31/08** (2006.01)

CPC (source: EP US)

F16K 31/086 (2013.01 - EP US); **H01F 7/0242** (2013.01 - EP US); **B67C 3/28** (2013.01 - EP US)

Citation (search report)

See references of WO 2008132293A1

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