

Title (en)
MAGNETIC ISOLATING APPARATUS WITH NON-PHYSICAL COUPLING BETWEEN A MAGNET ARRANGEMENT AND THE MOVEMENT DRIVE OF SAID MAGNET ARRANGEMENT

Title (de)
MAGNETISCHE TRENNVORRICHTUNG MIT UNKÖRPERLICHER KOPPLUNG ZWISCHEN MAGNETANORDNUNG UND DEREN BEWEGUNGSANTRIEB

Title (fr)
DISPOSITIF DE SÉPARATION MAGNÉTIQUE À ACCOUPLEMENT IMMATÉRIEL ENTRE UN ENSEMBLE MAGNÉTIQUE ET SON ENTRAÎNEMENT DE DÉPLACEMENT

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Application
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Abstract (en)
[origin: WO2018060137A1] A magnetic isolating apparatus (10) for isolating magnetic particles (66) from a suspension has an immersion section (30) which is designed to be temporarily immersed in the suspension, a guide apparatus (16) which extends along a guide path (F), a magnet arrangement (18) which is guided by the guide apparatus (16) such that it can be moved between an active position which is situated close to the immersion section (30) and an inactive position which is positioned further away from the immersion section (30) along the guide path (F), so that a magnetic field in the region of the immersion section (30) can be changed by moving the magnet arrangement (18) between the active position and the inactive position, and a drive apparatus (22, 50) by which the magnet arrangement (18) can be driven to move at least in a direction between the active position and the inactive position, wherein the drive apparatus (22, 50) is coupled in a non-physical manner to the magnet arrangement (18) by a force field and/or a fluid so as to transmit drive force.

IPC 8 full level
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