

Title (en)

METHOD AND DEVICE FOR CONDITIONING A SUSPENSION CONTAINING MAGNETIZABLE PARTICLES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KONDITIONIERUNG EINER MAGNETISIERBARE PARTIKEL ENTHALTENDEN SUSPENSION

Title (fr)

PROCÉDÉ ET DISPOSITIF DE CONDITIONNEMENT D'UNE SUSPENSION CONTENANT DES PARTICULES MAGNÉTISABLES

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Application

EP 08854521 A 20081125

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Abstract (en)

[origin: WO2009068535A1] The invention relates to a method for conditioning a suspension containing magnetizable particles, wherein suspension containing the magnetizable particles is guided through a gap (3) in order to bring about shear strain in the suspension containing the magnetizable particles. A magnetic field is applied in the gap (3) such that suspension containing the magnetizable particles is sheared in the presence of the magnetic. The invention further relates to a device for conditioning suspensions containing magnetizable particles, comprising at least one gap (3) through which the suspension containing magnetizable particles flows, in order to apply a shear force to the suspension containing magnetizable particles. The device further comprises at least one magnet for generating a magnetic field in the at least one gap (3).

IPC 8 full level

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Citation (search report)

See references of WO 2009068535A1

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