

Title (en)

IMPULSE CENTRIFUGE FOR THE PURIFICATION OF THE LUBRICATING OIL FROM AN INTERNAL COMBUSTION ENGINE

Title (de)

FREISTRAHLZENTRIFUGE FÜR DIE REINIGUNG DES SCHMIERÖLS EINER BRENNKRAFTMASCHINE

Title (fr)

CENTRIFUGEUSE A JET LIBRE POUR L'EPURATION DE L'HUILE DE GRAISSAGE D'UN MOTEUR A COMBUSTION INTERNE

Publication

EP 1729886 A1 20061213 (DE)

Application

EP 05737863 A 20050316

Priority

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Abstract (en)

[origin: US7713185B2] A free-jet centrifuge for the cleaning of lubricating oil comprising, a housing with a removable cover, a rotor rotatably arranged in the housing and with channels for feeding and removing the lubricating oil. The rotor is of split design with a drive part and a dirt trapping part which can each be flowed through by their own partial lubricating oil flow and which are designed with a torque transmission device which is engageable and disengageable. The dirt trapping part is separable from the drive part. A device is provided to prevent or restrict the axial mobility of the dirt trapping part relative to the drive part, which is ineffective or detachable when the cover is removed. The drive part extends from the bottom towards the top into the dirt trapping part or entirely through it. The drive part comprises all parts serving for the rotatable bearing of the rotor and the drive part is securely positioned against axial removal with an opened cover.

IPC 8 full level

B04B 5/00 (2006.01); **F01M 11/03** (2006.01)

CPC (source: EP KR US)

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