

Title (en)

DRIVE DEVICE FOR THE IMMERSED OPERATION BELOW A LIQUID SURFACE

Title (de)

ANTRIEBSVORRICHTUNG ZUM TAUCHBETRIEB UNTERHALB EINER FLÜSSIGKEITSOBERFLÄCHE

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT POUR LE FONCTIONNEMENT EN IMMERSION AU-DESSOUS D'UNE SURFACE DE LIQUIDE

Publication

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Application

**EP 08716586 A 20080318**

Priority

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Abstract (en)

[origin: US2011003646A1] The invention relates to a drive device for the immersed operation below a surface of a liquid (F), particularly for the immersed operation in a clearing basin, having a drive shaft (5) guided out of a housing, wherein the drive shaft (5) is guided through an axial face seal (12, 13) received in a sealing chamber (10) for sealing the housing against penetrating liquid. In order to improve the service life of the seal, the invention provides that a line (22) is connected to the sealing chamber (10) for receiving an oil supply and is guided to above the surface of the liquid (F).

IPC 8 full level

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