

Title (en)
PUMP DEVICE

Title (de)
PUMPVORRICHTUNG

Title (fr)
DISPOSITIF DE POMPAGE

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Abstract (en)
[origin: WO2020104050A1] The invention relates to a pump device (50) for conveying a contaminated liquid by means of a pump which is driven by a hydraulic drive, said hydraulic drive being driven by a drive liquid and the pump and the hydraulic drive being connected mechanically. In addition, a pump shaft of the pump and a hydraulic drive shaft of the hydraulic drive are mounted by means of plain bearings (62, 64, 66, 100, 102). The drive liquid is a lubricating medium for the plain bearing (62, 64, 66). Drive liquid is thus carried to the plain bearings (62, 64, 66, 100, 102) by at least one lubricating medium conduit (78, 80) and the drive liquid, after flowing through the sliding bearings (62, 64, 66, 100, 102), can be conducted out of the pump device.

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