

Title (en)
WASTE WATER LIFTING SYSTEM

Title (de)
ABWASSERHEBEANLAGE

Title (fr)
INSTALLATION DE RELEVEMENT D'EAUX USEES

Publication
EP 1960608 A1 20080827 (DE)

Application
EP 06819027 A 20061213

Priority
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Abstract (en)
[origin: WO2007068455A1] The invention relates to a waste water lifting system with a collecting tank (2) for liquids, in particular waste water, faecal matter or the like, and with a device for emptying the tank, in particular a pump (3) which is connected to a motor and is arranged as a motor and pump unit in an entirely or partially recessed manner in the tank (2). The tank (2) has at least one inlet and outlet pipe (4, 5) for the liquids, and the waste water lifting system is provided with a device (10) for switching the pump (2) as a function of a liquid level (P_A, P_E, A) within the tank (2). The tank floor (12) or at least a partial surface (12.1, 12.2) is designed to be elastically flexible as a function of the filling level of the tank. One or more sensors (15) are arranged on the outside (14) of the elastically flexible tank floor surface (12.1, 12.2) and measure the deformation thereof. The elastically flexible tank floor part (12.1, 12.2) is arranged at a distance from an installation surface (13).

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E03F 5/22 (2006.01)

CPC (source: EP US)
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