

Title (en)

Sewage lifting plant

Title (de)

Abwasserhebeanlage

Title (fr)

Installation de levage des eaux usées

Publication

EP 1108822 B1 20021023 (DE)

Application

EP 99125178 A 19991217

Priority

EP 99125178 A 19991217

Abstract (en)

[origin: EP1108822A1] The pumping station has a holding tank (4) for solids-containing waste water, a holding tank for partially cleaned waste water, and a pump (6) to drain the second tank via the first one. The first holding tank contains a grading screen (9), e.g. a horizontal or a curved screen, to keep the solids away from the pump. It divides the first holding tank in longitudinal direction into a section (4a) containing water with solids, and a section (4b) for solids-free water. The second section is connected to the pump via a bypass (5). The water holding tank and a shaft (1) containing the pumping station, are pref. of plastic.

IPC 1-7

E03F 5/22

IPC 8 full level

E03F 5/22 (2006.01)

CPC (source: EP)

E03F 5/22 (2013.01)

Cited by

DE102013221065A1; WO2010025852A1; EP2940224A1; DE102014208202A1; DE102013221080A1; EP2354342A1; WO2019215138A1; WO2015055520A1; FR2946063A1; DE102018207243A1; DE10237768A1; DE10237768B4; CN105612296A; EP2581508A1; FR3133391A1; CN105849340A; RU2656405C2; WO2019215124A1; DE10160675A1; DE10160675B4; DE102018207257A1; WO2018102940A1; DE202008011273U1; WO2015055749A1; US10392793B2; EP1860245A1; US9995033B2; DE202010001472U1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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EP 99125178 A 19991217; AT 99125178 T 19991217; CZ 20004686 A 20001214; DE 59903198 T 19991217; PL 34454200 A 20001214; SI 9930179 T 19991217