

Title (en)  
SEWAGE LIFTING INSTALLATION

Title (de)  
ABWASSERHEBEANLAGE

Title (fr)  
INSTALLATION DE RELÈVEMENT DES EAUX USÉES

Publication  
**EP 3791028 B1 20230816 (DE)**

Application  
**EP 19723743 A 20190507**

Priority  
• DE 102018207243 A 20180509  
• EP 2019061643 W 20190507

Abstract (en)  
[origin: WO2019215124A1] Wastewater-lifting system which comprises at least one bulky material collection tank (4) with at least one separating screen (12), arranged in its interior, for wastewater loaded with bulky materials that is to be guided therethrough, and with at least one pump (6) which is arranged downstream of the bulky material collection tank (4) and which is connected to the bulky material collection tank (4) via at least one connection line (5), wherein the separating screen (12) can be selectively removed from and reinserted into the bulky material collection tank (4) through a closable opening in the latter, wherein the bulky material collection tank (4) is designed with an inner guide (20) for the separating screen (12) which can be plugged therein and can be pulled out again, wherein both the plugging and the pulling operation of the separating screen (12) occurs in a predominantly vertical manner.

IPC 8 full level  
**E03F 5/22** (2006.01)

CPC (source: EP US)  
**E03F 5/14** (2013.01 - US); **E03F 5/22** (2013.01 - EP US)

Citation (examination)  
• DE 102010038137 A1 20120412 - HERBORNER PUMPENFABRIK J H HOFFMANN GMBH & CO KG [DE]  
• US 4582605 A 19860415 - REA DAVID B [US], et al

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 2019215124 A1 20191114**; CA 3098605 A1 20191114; CN 112135947 A 20201225; CN 112135947 B 20230414;  
DE 102018207243 A1 20191114; EP 3791028 A1 20210317; EP 3791028 B1 20230816; EP 3791028 C0 20230816;  
HR P20231162 T1 20240105; US 2021071406 A1 20210311

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