

Title (en)
Waste water hoisting facility

Title (de)
Abwasserhebeanlage

Title (fr)
Installation de relèvement d'eaux usées

Publication
EP 2489801 A1 20120822 (DE)

Application
EP 11001254 A 20110216

Priority
EP 11001254 A 20110216

Abstract (en)
The lifting unit has a level sensor (14) which is provided within a container (2). A tubular-shape protection sleeve is extended into the container. Several openings (12) are formed in upper and lower ends of protection sleeve. The opening formed in upper end of protection sleeve is closed, while the opening formed in lower end of protection sleeve is opened. The upper end of protection sleeve is connected with sensor housing. The level sensor is provided with a float portion.

Abstract (de)
Die Erfindung betrifft eine Abwasserhebeanlage mit einem Behälter (2), zumindest einer Pumpe und zumindest einem in dem Behälter (2) angeordneten Füllstandsensor (14), wobei zumindest Teile des Füllstandsenors (14) innerhalb einer rohrförmigen, sich im Inneren des Behälters (2) erstreckenden Schutzhülse (22) angeordnet sind, welche im Bereich ihres oberen Endes und im Bereich ihres unteren Endes (24) jeweils zumindest eine Öffnung (26) aufweist.

IPC 8 full level
E03F 5/22 (2006.01); **F04D 15/02** (2006.01)

CPC (source: EP)
E03F 5/22 (2013.01); **F04D 15/0218** (2013.01)

Citation (search report)

- [X] US 6076399 A 20000620 - FREE DAN G [US], et al
- [I] DE 29718813 U1 19990218 - HANNING & KAHL GMBH & CO [DE]
- [A] US 2008290011 A1 20081127 - CAPANO DAVID [US], et al

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DE102015010512A1; DE102015010509A1; CN107837581A; CN106436883A; EP3130711A1; EP3130712A1; EP3130710A1;
DE102015010510A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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