Title (en)

Method for sewage lifting and sewage lifting device therefor

Title (de)

Betriebsverfahren für eine Abwasserhebeanlage und mit diesem Verfahren betriebenen Anlage

Title (fr)

Procédé de levage d'eau usée et dispositif de levage d'eau usée

Publication

EP 1731684 A1 20061213 (DE)

Application

EP 06011987 A 20060610

Priority

DE 102005027091 A 20050611

Abstract (en)

The method involves determining significant number of revolutions of a centrifugal pump for different marked operating points with completely installed lifting device, with an electric motor driving the centrifugal pump and equipped with a programmable frequency converter (10). The revolutions are stored together with the data in a control unit controlling the device. The revolutions are added for further operation. An independent claim is also included for a sewage lifting device for executing a method for adjustment and operation of a sewage lifting device.

IPC 8 full level

E03F 5/22 (2006.01)

CPC (source: EP)

E03F 5/22 (2013.01); **F04D 15/0066** (2013.01); **F04D 15/0218** (2013.01)

Citation (search report)
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- [YA] DE 2913970 A1 19801023 - COMBE HUBERT
- [Y] US 3667495 A 19720606 - SCHULER HANSJORG, et al

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1731684 A1 20061213; **EP 1731684 B1 20141029**; CY 1115957 T1 20170125; DE 102005027091 A1 20061214; DK 1731684 T3 20150119; ES 2526197 T3 20150108; PL 1731684 T3 20150430; PT 1731684 E 20150113; SI 1731684 T1 20150130

DOCDB simple family (application)

EP 06011987 A 20060610; CY 151100073 T 20150123; DE 102005027091 A 20050611; DK 06011987 T 20060610; ES 06011987 T 20060610; PL 06011987 T 20060610; PT 06011987 T 20060610; SI 200631871 T 20060610