

Title (en)
Level-dependent pump control

Title (de)
Niveauabhängige Steuerung von Pumpen

Title (fr)
Commande de pompes en fonction du niveau

Publication
EP 1961963 A3 20100714 (DE)

Application
EP 07024706 A 20071220

Priority
DE 102007008692 A 20070220

Abstract (en)
[origin: EP1961963A2] The device has a fluid tank (16) with a set of pumps (14), and a control unit (18) for switching on and off the pumps based on the height of a liquid level in the tank. A set of sensors (21, 22) is connected with the control unit for detecting the liquid levels i.e. switching on and switching off levels of the pumps. The device adjusts the switching off levels of the pumps based on an inflow amount of the liquid received by the tank. The device rises the switching off levels of the pumps during large inflow amount. An independent claim is also included for a method for operating a level-dependent pump control device.

IPC 8 full level
F04D 15/02 (2006.01)

CPC (source: EP)
F04D 15/0218 (2013.01); **F04D 15/029** (2013.01)

Citation (search report)

- [X] EP 0580558 A1 19940126 - LENCIOMI CARLO [IT]
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EP3475578B1; IT202100014831A1; EP2489798A1; CN102644319A; CN110651171A; AU2018228293B2; WO2018157261A1;
WO2017178115A1; US9464925B2; WO2018002600A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)

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ES 2542340 T3 20150804; HU E025615 T2 20160428; PL 1961963 T3 20151030; PT 1961963 E 20150831; SI 1961963 T1 20150831

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