

Title (en)
Level-dependent pump control

Title (de)
Niveauabhängige Steuerung von Pumpen

Title (fr)
Commande de pompes en fonction du niveau

Publication
EP 1961963 B1 20150415 (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)

Cited by
EP3475578B1; IT202100014831A1; EP2489798A1; CN102644319A; CN110651171A; AU2018228293B2; WO2018157261A1; WO2017178115A1; US9464925B2; WO2018002600A1

Designated contracting state (EPC)
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