

Title (en)

METHOD AND DEVICE FOR OPERATING A SPEED-CONTROLLED FLUID PUMP

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BETREIBEN EINER DREHZAHLGEREGLTEN FLUIDPUMPE

Title (fr)

PROCÉDÉ ET DISPOSITIF DE FONCTIONNEMENT D'UNE POMPE À FLUIDE À VITESSE RÉGLÉE

Publication

EP 3795830 A1 20210324 (DE)

Application

EP 20200612 A 20151102

Priority

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- EP 15788049 A 20151102
- EP 2015075463 W 20151102

Abstract (en)

[origin: WO2016071277A1] A method for operating a speed-controlled fluid pump (102) comprises the following steps: - providing an electric control current for the fluid pump (102), - providing a maximum value (201) for the control current, said maximum value corresponding to a maximum permissible pressure on the output side of the fluid pump (102), providing a threshold value (202) for the control current, said threshold value corresponding to an additional maximum permissible pressure on the output side of the fluid pump (102) and being defined depending on at least one boundary condition, the threshold value (202) being lower than the maximum value (201), - controlling the fluid pump (102) with not more than the threshold value (202) of the control current when the boundary condition applies in order to limit the pressure on the output side of the fluid pump (102) to a value provided for the boundary condition.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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- [A] US 2009241954 A1 20091001 - KARLSSON KAI [FI]
- [A] US 2008066990 A1 20080320 - WONG ALBERT C [US], et al
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DOCDB simple family (publication)

DE 102014222398 A1 20160504; EP 3215741 A1 20170913; EP 3215741 B1 20210113; EP 3792491 A1 20210317; EP 3792491 B1 20220406; EP 3795830 A1 20210324; EP 3795830 B1 20220706; US 10876526 B2 20201229; US 2017314548 A1 20171102; WO 2016071277 A1 20160512

DOCDB simple family (application)

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