

Title (en)

CONTROLLER FOR CONTROLLING A FREQUENCY CONVERTER AND CONTROL METHOD

Title (de)

STEUERMITTEL ZUM ANSTEUERN EINES FREQUENZUMRICHTERS SOWIE ANSTEUERVERFAHREN

Title (fr)

MOYENS DE COMMANDE POUR PILOTER UN CONVERTISSEUR DE FRÉQUENCE ET PROCÉDÉ DE COMMANDE CORRESPONDANT

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2012146663A1] The invention relates to a controller for controlling a frequency inverter (4) of a positive displacement pump motor (3) of a positive displacement pump (2), said controller comprising a control unit (6) which is designed to produce a control variable (Ys) for a frequency inverter (4) of a positive displacement pump motor (3) depending on a reference variable (W) and a first actual operating parameter (X). According to the invention, the control unit (6) is associated with logical means (7) having a first threshold value defining means (12) that are designed to determine at least one first threshold value (YGrenzmax, YGrenzmin) depending on the first actual operating parameter (X) and/or at least one further actual operating parameter (XH, YH, YHH) that could lead to a failure state of the positive displacement pump (2) when exceeded or fallen short of.

IPC 8 full level

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Citation (search report)

See references of WO 2012146663A1

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