

Title (en)

Method and apparatus for temperature dependent operation of pumps with helical rotors

Title (de)

Verfahren und Vorrichtung zum temperaturabhängigen Betreiben von Pumpen mit schneckenförmigen Rotoren

Title (fr)

Procédé et appareil pour l'entraînement des pompes à rotors hélicoïdaux en réponse à la température

Publication

EP 0845598 B1 20030507 (DE)

Application

EP 97120796 A 19971127

Priority

DE 19649766 A 19961130

Abstract (en)

[origin: DE19649766C1] The method involves measuring the temp. of the pumped medium in the region of the pump (10) inlet (26) and within the pump itself (24). The pump is regulated (28) according to the difference between these two temp. measurements in comparison with a predefined tolerance value. The pump is switched off if the temp. of the delivered medium within the pump rises by more than 10 per cent or 5 deg. C wrt. the temp. in the inlet region.

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IPC 8 full level

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CPC (source: EP)

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Cited by

KR100730976B1; WO2013049030A1; US9435383B2

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