

Title (en)

PUMP FOR CONVEYING A MEDIUM AND METHOD FOR MONITORING

Title (de)

PUMPE ZUM FÖRDERN EINES MEDIUMS UND VERFAHREN ZUR ÜBERWACHUNG

Title (fr)

POMPE POUR TRANSPORTER UN MILIEU ET PROCÉDÉ DE SURVEILLANCE

Publication

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Application

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Abstract (en)

[origin: WO2022238034A1] The invention relates to a pump for conveying a medium, more particularly a liquid or a solid-liquid mixture, comprising at least one drive (6), a first shaft (W1) and a second shaft (W2), which is rotationally driven by the first shaft (W1) and is connected to a pump element (2) or is part of a pump element, wherein the first shaft (W1) is connected to the second shaft (W2) by means of at least one connection (V), and wherein during operation the first shaft (W1) rotates with a first angle of rotation and the second shaft (W2) rotates with a second angle of rotation, each in relation to a common zero angle. The invention is characterized by a monitoring device (13), which is designed to monitor the state of the connection (V) by determining a phase shift, occurring at the connection (V), between the first angle of rotation and the second angle of rotation.

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