

Title (en)

PUMPING APPARATUS, DRIVE AND MANUFACTURING METHOD

Title (de)

FÖRDERVORRICHTUNG, ANTRIEB UND HERSTELLVERFAHREN FÜR EINE FÖRDERVORRICHTUNG

Title (fr)

DISPOSITIF DE POMPAGE, ENTRAÎNEMENT ET PROCÉDÉ DE FABRICATION

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Application

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Abstract (en)

[origin: WO2012065679A2] Conveying apparatus, drive and manufacturing method for a conveying apparatus, having a gearwheel which is connected fixedly on a shaft so as to rotate with it and the toothing of which is in engagement with the toothing of another gearwheel for conveying conveying medium between a first channel region (55) and a second channel region (56), wherein a control disc is mounted rotatably on the shaft by means of a bearing, in particular anti-friction bearing, in particular ball bearing, wherein the rotational movement of the control disc is restricted by means of a stop washer, in particular wherein the rotational axis of the control disc corresponds to the shaft axis, wherein the control disc - has a first axially extending recess for conducting conveying medium, in particular fluid, to or from the first channel region, - and has a second axially extending recess for conducting conveying medium, in particular fluid, from or to the second channel region, wherein, depending on the rotational position, the first axially extending recess of the control disc is connected to a feed channel (41, 42, 45) or a discharging channel (20, 40, 44), in particular for conducting conveying medium out of the feed channel or a discharging channel, and the second axially extending recess of the control disc is connected to a discharging channel (41, 42, 45) or feed channel (20, 40, 44), in particular for conducting conveying medium out of the feed channel or a discharging channel.

IPC 8 full level

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