

Title (en)
DRIVE TRANSMISSION FOR A SWING CLAMP

Title (de)
ÜBERTRAGUNGSGETRIEBE FÜR EINEN SCHWENKSPANNER

Title (fr)
TRANSMISSION D'ENTRAÎNEMENT POUR UN VÉRIN DE SERRAGE PIVOTANT

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Application
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Abstract (en)
[origin: WO2021255060A1] The invention relates to a drive transmission for converting a drive movement into an output movement, in particular in a swing clamp (1) for clamping components. The drive transmission according to the invention first comprises a movable drive element (9), in particular in the form of a piston, which carries out the drive movement during operation. Additionally, the drive transmission according to the invention has a movable output element (4), in particular in the form of a rod, which carries out the output movement during operation, and a cam gear, which converts the drive movement of the drive element (9) into the output movement of the output element (4) according to a specified transmission curve, wherein of the drive movement and the output movement, one movement is or contains an axial movement along a specified movement axis while the other movement is or at least contains a rotational movement about the movement axis. According to the invention, the cam gear has two contact surfaces (F1, F2) which slide against each other in a planar manner and thereby convert the drive movement.

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