

Title (en)

METHOD AND DEVICE FOR CHUCKING ROTATIONALLY SYMMETRICAL BODIES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM EINSpanNEN ROTATIONSSYMMETRISCHER KÖRPER

Title (fr)

PROCEDE ET DISPOSITIF POUR MONTER PAR SERRAGE DES CORPS A SYMETRIE DE ROTATION

Publication

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Application

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Abstract (en)

[origin: WO2004012899A2] The invention relates to a method for chucking a rotationally symmetrical body (10) for machining purposes, according to which the first face (12) of said body (10) is pulled against a centring support element (72) by means of a tractive force (F1), which is exerted on the first face (12) of the body (10) along the extension of the rotational axis (19, 19') of said body (10). The invention also relates to a device for chucking a rotationally symmetrical body (10) in order to machine said body, the device comprising a support element (72), against which the body (10) can be pulled and a tractive anchor (64), which can engage with and pull the body (10) axially and concentrically in relation to the rotational axis (19, 19') of the body to be chucked. The positioning of the tractive anchor (64) is configured in such a way that the latter (64) is axially guided with radial play (66) for the axial tractive displacement. The tractive force (F1) of the tractive anchor (64) can preferably be adjusted. The invention also relates to a rotationally symmetrical body (10), in particular a rotor, which on a first face (12) comprises a coupling unit (18) that is centred with the rotational axis (19) of the rotor and a bearing zone (22) comprising at least three bearing surfaces (24) that are arranged concentrically with the rotational axis (19, 19').

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