

Title (en)

SEALING RING AND DEVICE AND METHOD FOR INSTALLING A SEALING RING

Title (de)

DICHTRING SOWIE VORRICHTUNG UND VERFAHREN ZUR MONTAGE EINES DICHTRINGS

Title (fr)

BAGUE D'ÉTANCHÉITÉ, AINSI QUE DISPOSITIF ET PROCÉDÉ DE MONTAGE D'UNE BAGUE D'ÉTANCHÉITÉ

Publication

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Application

**EP 09768878 A 20090525**

Priority

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Abstract (en)

[origin: WO2009156029A1] The invention relates to an installation device (3) for installing a sealing ring (1) on or in a component (2), for example a shaft or a housing, comprising a coupling member (4) for transmitting an installation force (F) to the sealing ring (1). The invention further relates to a sealing ring (1) comprising a rubber elastic base body (11) and a reinforcing ring (12), wherein the reinforcing ring (12) is embedded at least sectionally into the rubber elastic base body (11). The invention further relates to a method for installing a sealing ring (1) on or in a component (2), wherein the sealing ring (1) is inserted onto or into the component (2) in the axial direction. In order to improve the installation of sealing rings (1) of the type mentioned above such that a centric and right-angle position of the sealing ring (1) is ensured after removal of the installation force, a rotational drive (8), by which a relative movement between the sealing ring (1) and component (2) can be produced, is provided for the installation device (3). The sealing ring (1) is rotated relative to the component during installation and for this purpose has at least one stop surface (23, 32, 32') facing substantially in the circumferential direction (U).

IPC 8 full level

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