

Title (en)

ROTARY SUPPORT COMPRISING AN ELASTIC JOINING DEVICE FOR MOUNTING ELECTRIC MACHINES INTO TUBES

Title (de)

ROTATIONSTRÄGER MIT ELASTISCHER VERBINDUNGSEINRICHTUNG ZUM ENBAU ELEKTRISCHER MASCHINEN IN ROHRE

Title (fr)

SUPPORT DE ROTATION MUNI D'UN DISPOSITIF D'ASSEMBLAGE ELASTIQUE POUR MONTER DES MACHINES ELECTRIQUES DANS DES TUYAUX

Publication

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Application

EP 04804835 A 20041215

Priority

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- DE 20319969 U 20031223

Abstract (en)

[origin: WO2005063598A2] The aim of the invention is to ensure torque transmission between a tube and a drive unit that is mounted therein with the aid of a component which is optimized regarding assembly while providing a sufficient centering effect. Said aim is achieved by a rotary support which is embodied as a hollow cylindrical member (1). An elastic joining device (3), e.g. an O-ring, which is disposed on the outer circumference of the hollow cylindrical member (1) in a defined arrangement, is used for elastically connecting the hollow cylindrical member (1) to the tube. The elastic joining device (3) has a centering and damping effect while ensuring transfer of moment. Ducts (6) ensure penetration by coolant/ a cooling circuit.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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