

Title (en)
TRANSDUCER ASSEMBLY FOR A TORQUE AND/OR ANGLE SENSOR

Title (de)
GEBERANORDNUNG FÜR EINEN DREHMOMENT- UND /ODER WINKELSENSOR

Title (fr)
ENSEMBLE ÉMETTEUR POUR UN CAPTEUR DE COUPLE ET/OU D'ANGLE

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Application
EP 15770841 A 20150922

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Abstract (en)
[origin: WO2016096179A1] The invention relates to a transducer assembly (1) for a torque and/or angle sensor, having a pipe section-shaped magnet ring (2) that is secured to a carrier sleeve (3) via an intermediate element (4, 4'), wherein the intermediate element (4) and the magnet ring (2) are integrally bonded to one another via joining surfaces (22, 42) directed against one another, and the intermediate element (4, 4') is formed of a plastic at least in the region of the joining surface (42). According to the invention, in order to provide a transducer assembly (1) that can be more easily produced and assembled with high reliability, the magnet ring (2) is formed as a plastic-bonded magnet from a plastic material filled with magnetic particles, which is integrally bonded to the plastic of the intermediate element (4, 4').

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