

Title (en)
ANTI-ROLL BAR FOR A MOTOR VEHICLE AND METHOD FOR THE PRODUCTION THEREOF

Title (de)
STABILISATOR FÜR EIN KRAFTFAHRZEUG UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)
BARRE ANTI-ROULIS POUR VÉHICULE À MOTEUR ET SON PROCÉDÉ DE FABRICATION

Publication
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Application
EP 10776273 A 20100910

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Abstract (en)
[origin: WO2011029434A1] The invention relates to an anti-roll bar for a motor vehicle, said anti-roll bar being one-piece or multi-piece and being composed of a torsion rod (12) and bent rotating legs (14) on both sides, the free ends (16) of which can each be connected to a wheel suspension of the motor vehicle by means of swivel joints, wherein the anti-roll bar (11) is formed from a resin-bonded main body. According to the invention, the main body consists of a cord (4), which achieves stiffness by curing the resin. The cord (4) is introduced into a closed tool as a preform and resin is injected into the tool. This has the advantage that, for the installation of the anti-roll bar according to the invention, the assemblies and elements that have already been used on motor vehicles for this purpose and have been tested with regard to driving safety can be left unchanged in the essential characteristics thereof, which is a result of the design and shape of the presented anti-roll bar and of the selection of the material of the presented anti-roll bar.

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