

Title (en)  
TILTABLE CONVERTER HAVING A PENDULUM BAR SUSPENSION

Title (de)  
KIPPBARER KONVERTER MIT PENDELSTABAUHÄNGUNG

Title (fr)  
CONVERTISSEUR BASCULANT À SUSPENSION À BAGUETTES PENDULAIRES

Publication  
**EP 2534270 A1 20121219 (DE)**

Application  
**EP 11700416 A 20110114**

Priority

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- EP 2011050431 W 20110114

Abstract (en)  
[origin: WO2011098318A1] The invention relates to a tiltable converter having a suspension system comprising pendulum bars (3) which are each connected by one end on the converter vessel (1) and by the other end on the bearing ring (2) by means of spherical pendulum bar bearings, articulated on all sides. According to the invention, the spherical pendulum bar bearings have bolts (7) passing through the pendulum bars (3) on which the pendulum bars (3) are spatially mounted in a pivoting manner, wherein each bolt (7) is supported on both sides of the pendulum bar (3) via support brackets (4) on the converter vessel (1) or on the bearer ring (2) and the bolts (7) are mounted in the support brackets (4) by means of spherical support bracket bearings. The openings of the support brackets (4), through which the bolts (7) pass through and in which the spherical support bracket bearings are arranged, are covered by covers (8) on the sides thereof facing away from the pendulum bar (3). The converter according to the invention is characterized in that, for at least one of the pendulum bars (3) and the parts of the suspension system allocated thereto, the bolt (7) is passed through in the longitudinal direction by a tensioning screw (9) and the tensioning screw (9) passes through the covers (8) of the pair of support brackets (4) supporting the bolt (7), and there is a form-fitting connection between the covers (8) of the pair of support brackets (4) which runs over the spherical pendulum bar bearing and the spherical support bracket bearing.

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