

Title (en)  
SEAT PORTION STRUCTURE FOR A HYDRAULIC TURBINE ENGINE

Title (de)  
SITZTEILSTRUKTUR FÜR EINEN HYDRAULISCHEN TURBOMOTOR

Title (fr)  
STRUCTURE D'ASSISE D'UNE TURBOMACHINE HYDRAULIQUE

Publication  
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Application  
**EP 09740456 A 20090811**

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Abstract (en)  
[origin: WO2010018345A2] The invention relates to a seat portion structure (10) for a ground-based hydraulic turbine engine (50). The seat portion structure includes a base plate (12). A first bearing element (20) is connected to the base plate and contacts the ground. At least three arms (26) are connected to the base plate by a pivoting link (28). The arms are adapted for pivoting relative to the base plate between a first position, in which the arms are placed near each other, and a second position, in which the arms radially extend from the base plate (12). A second bearing element (30) is connected to one end of each arm and contacts the ground. A positioning device (32) is adapted for changing the distance between the end of at least one arm and the associated second element. The structure includes, for each arm, a device (36) for locking the arm in the second position.

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