

Title (en)  
TILTING PAD BEARING

Title (de)  
KIPPSEGMENTLAGER

Title (fr)  
PALIER À PATIN OSCILLANT

Publication  
**EP 2619468 A2 20130731 (EN)**

Application  
**EP 11827735 A 20110926**

Priority  
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Abstract (en)  
[origin: WO2012040722A2] A tilting pad bearing comprises a piston carrier ring that may include a plurality of voids spaced around the piston carrier ring, wherein a channel may be formed in a surface of the piston carrier ring opposite the plurality of voids. A carrier end plate may be positioned in the channel and secured to the piston carrier ring, wherein a recess may be formed in a top surface of the carrier end plate. A piston may be positioned in each void, wherein a bottom face of each piston is positioned adjacent the recess. The pistons may be substantially secured in the voids using a plurality of membranes, wherein one membrane corresponds to one piston and one void. Alternatively, the pistons may be formed in two pieces secured via a membrane. Each piston may be engaged with a bearing pad and/or interface member in a bearing pad carrier ring.

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