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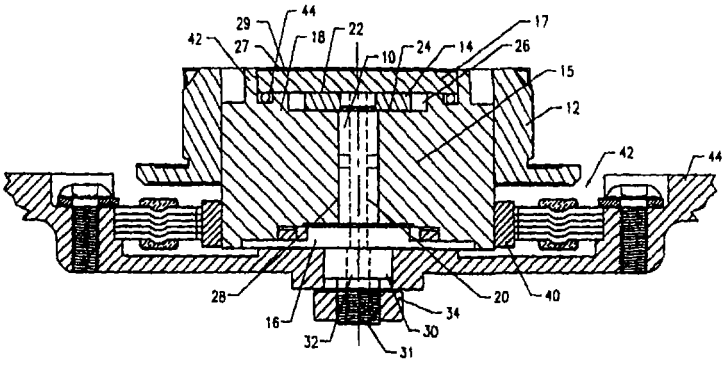
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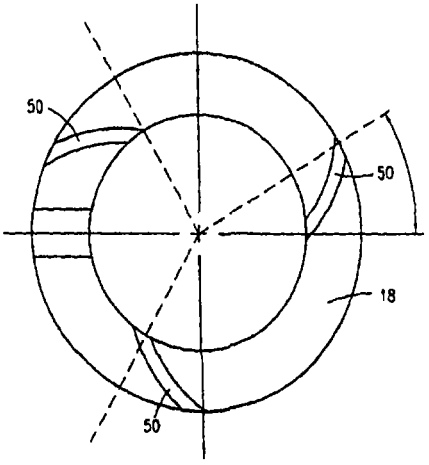
(54) Title: MACHINING PROCESS FOR HYDRODYNAMIC BEARING

(57) Abstract

An improved hydrodynamic bearing design and method for fabricating a hydrodynamic bearing is disclosed, which incorporates a filling groove (50) so that oil or other lubricating fluid can be efficiently inserted into the bearing gap without risking the loss of fluid during operation; the method provides for fabricating the hydrodynamic bearing and its oil filling groove (50) so that efficiency of the manufacturing process is not compromised.



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