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(54) Electric motor driven lubrication supply system of a gas turbine and method

(57) A system and method for controlling lubricant displacement from a lubrication system and a rotating machine includes supplying a gaseous fluid to the lubrication supply system to displace the lubricant. The gaseous fluid is preferentially directed through a first section of the lubrication supply system and to the rotating ma-

chine, and is at least inhibited from flowing through a second section of the lubrication supply system. As a result, the gaseous fluid displaces the lubricant in the rotating machine and in the first section of the lubrication supply system, while the second section of the lubrication supply system remains at least substantially full of lubricant.

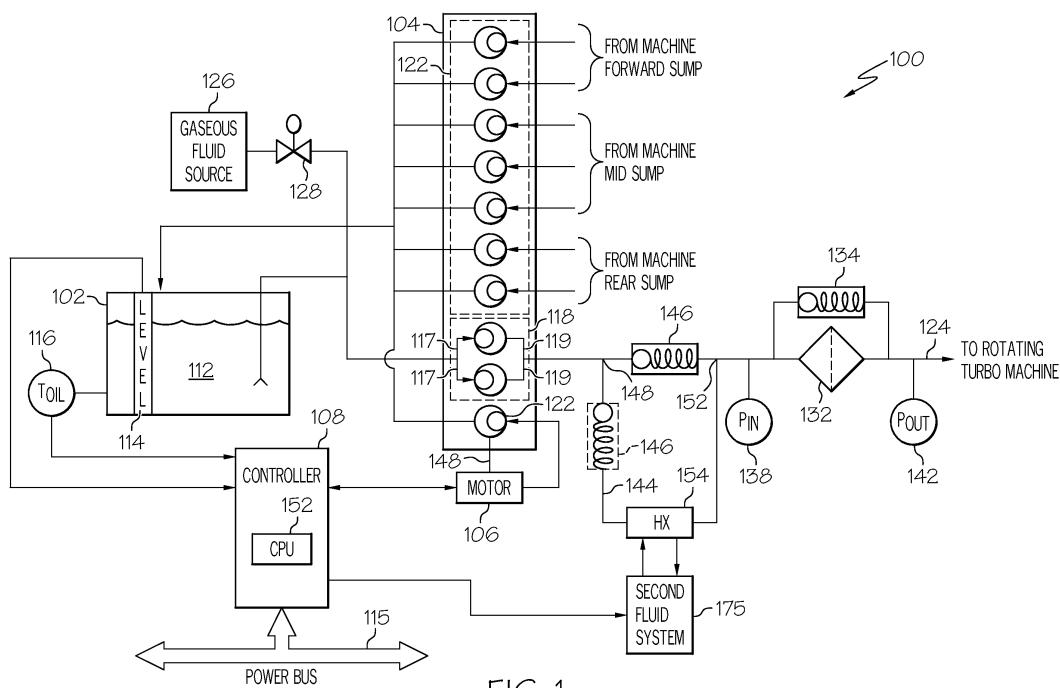


FIG. 1



EUROPEAN SEARCH REPORT

Application Number
EP 08 15 8348

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3			TECHNICAL FIELDS SEARCHED (IPC)
The present search report has been drawn up for all claims			F01D
Place of search			Date of completion of the search
The Hague			23 September 2010
Examiner			Flamme, Emmanuel
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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