

(12) UK Patent Application (19) GB (11) 2567087 (13) A

(43) Date of Reproduction by UK Office 03.04.2019

(21) Application No: 1901125.3
(22) Date of Filing: 20.09.2016
Date Lodged: 28.01.2019

(86) International Application Data:
PCT/US2016/052637 En 20.09.2016

(87) International Publication Data:
WO2018/056950 En 29.03.2018

(51) INT CL:
F16N 29/04 (2006.01) G01J 3/10 (2006.01)
G01N 23/207 (2018.01)

(56) Documents Cited:
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KR 1019980044619

(58) Field of Search:
INT CL E21B, F01M, F16N, G01J, G01N
Other: eKOMPASS(KIPO internal)

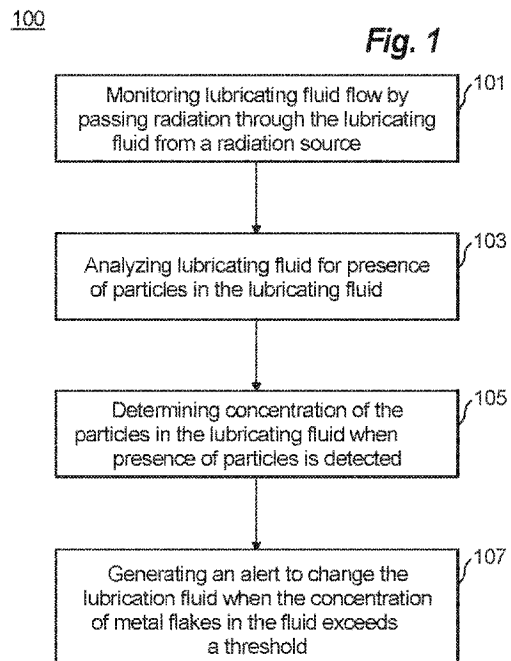
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(54) Title of the Invention: **Determining timing for lubricating fluid change**
Abstract Title: **Determining timing for lubricating fluid change**

(57) A method for determining when to change a lubricating fluid flowing within an apparatus includes monitoring the lubricating fluid flowing within the apparatus by passing radiation through the lubricating fluid from a radiation source. The lubricating fluid is analyzed for a presence of particles in the lubricating fluid based on the radiation passing through the lubricating fluid. A concentration of the particles in the lubricating fluid is determined when the presence of particles is detected. An alert to change the lubricating fluid is generated when the concentration of particles in the lubricating fluid exceeds a threshold.



GB 2567087 A