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- (71) Applicant: OIL STATES INDUSTRIES, INC. [US/US];
7701-A S. Cooper St., Arlington, TX 76001 (US).
- (72) Inventor; and
- (71) Applicant : MCCLINTIC, Barry, S. [US/US]; 2304
Randy Court, Mansfield, TX 76063 (US).
- (74) Agents: MCBETH, Ryan, B. et al.; Morgan, Lewis &
Bockius LLP, 1111 Pennsylvania Avenue, NW, Washing-
ton, DC 20004 (US).

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(54) Title: LIQUID-COOLED BRAKE ASSEMBLY WITH REMOVABLE HEAT TRANSFER INSERT

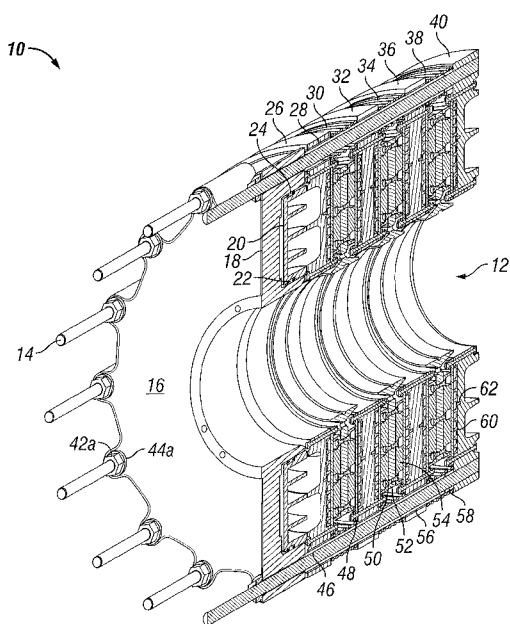


FIG. 1

(57) Abstract: A brake for a rotating member is disclosed. The brake is used with a liquid coolant, and includes a housing for containing the liquid, a stationary element disposed in the housing, a wear plate disposed on the stationary element, a friction element coupled to the rotating member for contacting the wear plate, and a removable heat transfer insert disposed adjacent the wear plate and in fluid communication with the coolant, the heat transfer insert consisting of a non-galvanic material.