

Title (en)

System for controlling the thrust affecting a shaft

Title (de)

System zur Steuerung des Schubs wirkend auf eine Welle

Title (fr)

Système de contrôle de la poussée affectant un arbre

Publication

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Application

EP 10192797 A 20101126

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US 62932609 A 20091202

Abstract (en)

An embodiment of the present invention provides a system for controlling the overall thrust exerted on a rotor (102). The system includes a chamber (200) that encloses a portion of the rotor (102). A seal system may seal the chamber (200) and the rotor (102). A fluid system may provide a pressurized fluid to the chamber (200) and the fluid may oppose the thrust exerted by the rotor (102). The system may also include a control system configured for monitoring the position of the rotor (102); and utilizing the pressurized fluid to reduce the overall thrust load.

IPC 8 full level

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