

Title (en)
MONITORING SEAL SYSTEM

Title (de)
VORRICHTUNG ZUR ÜBERWACHUNG EINER DICHTUNG

Title (fr)
DISPOSITIF D'ETANCHEITE ET DE SURVEILLANCE

Publication
EP 1290367 A2 20030312 (EN)

Application
EP 00986268 A 20001206

Priority
• US 0032991 W 20001206
• US 16925499 P 19991206

Abstract (en)
[origin: WO0140756A2] A monitoring seal system comprises a seal housing, a seal assembly, a temperature sensor and a controller. The seal assembly sealingly engages a rotary shaft to prevent fluid leakage between the shaft and the housing. The seal assembly has at least one seal. The seal has a primary ring and a mating ring. The temperature sensor senses the temperature in the vicinity of the seal. The controller determines whether an upset condition has occurred based on at least the temperature in the vicinity of the seal.
[origin: WO0140756A2] A monitoring seal system (200) comprises a seal housing (202), a seal assembly (210), a temperature sensor (212) and a controller. The seal assembly sealingly engages a rotary shaft (208) to prevent fluid leakage between the shaft and the housing. The seal assembly has at least one seal. The seal has a primary ring (228) and a mating ring (226). The temperature sensor senses the temperature in the vicinity of the seal. The controller determines whether an upset condition has occurred based on at least the temperature in the vicinity of the seal.

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CPC (source: EP)
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