

Title (en)

ROTATING EQUIPMENT TESTING APPARATUS AND METHOD

Title (de)

APPARAT UND VERFAHREN ZUM TESTEN VON ROTIERENDER EINRICHTUNG

Title (fr)

APPAREIL ET PROCEDE POUR TESTER UN EQUIPEMENT ROTATIF

Publication

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Application

EP 03780308 A 20031125

Priority

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- GB 0227519 A 20021126

Abstract (en)

[origin: WO2004048917A2] An apparatus and method for testing a rotating assembly (10) including a non-rotating component (18). The apparatus includes support means (32, 34) for supporting the rotating assembly so that the assembly may be rotated, attachment means (36) for supporting the non-rotating component so that it does not rotate, and drive means (38) for rotating the assembly while the non-rotating component remains stationary. The drive means may provide the motive force to rotate the assembly via the attachment means, and where the non-rotating component includes a gearbox or other transmission means, the attachment means may be adapted for rotating an input shaft of the gearbox or other transmission means. The assembly may be monitored by sensors. A loading means (42, 44) for applying braking force to the rotating assembly and a data processing means (60) for controlling the drive means for rotating the assembly at selected speeds may also be included.

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IPC 8 full level

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