

Title (en)
METHOD FOR TESTING ROTORS

Title (de)
VERFAHREN ZUM TESTEN VON ROTOREN

Title (fr)
PROCÉDÉ POUR TESTER LES ROTORS

Publication
EP 2044401 A1 20090408 (DE)

Application
EP 07786827 A 20070625

Priority

- EP 2007056305 W 20070625
- EP 06015495 A 20060725
- EP 07786827 A 20070625

Abstract (en)
[origin: EP1882915A1] The method involves coupling a rotor (1) with an activation motor (5) in a torque-transfer manner using a coupler (4). The rotor is rotatably supported around a rotation axis (2), and a drive motor (17) is provided for rotating the rotor. The activation motor is operated in such a manner that torque stimulations are generated in the rotor. The torque stimulations are generated so that the torque that is transferred by the activation motor on the rotor has a temporal adjustable part in addition to a temporal constant part. The temporal adjustable part is selected as harmonic function. An independent claim is also included for an activation motor for use in a measuring arrangement for measuring of vibration of a rotatable supported rotor.

IPC 8 full level
G01H 1/00 (2006.01)

CPC (source: EP US)
G01H 1/006 (2013.01 - EP US)

Citation (search report)
See references of WO 2008012153A1

Citation (examination)

- GB 2221312 A 19900131 - INST MASH AKADEMII NAUK UK SSR [SU]
- US 4283957 A 19810818 - ZOBRIST GERALD S, et al
- US 2384987 A 19450918 - DUDLEY ADOLPHUS M
- US 3495447 A 19700217 - CONNIFF JAY P, et al
- US 2006070457 A1 20060406 - DE LAIR CHARLES M [US], et al

Designated contracting state (EPC)
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Designated extension state (EPC)
AL BA HR MK RS

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DOCDB simple family (application)
EP 06015495 A 20060725; EP 07786827 A 20070625; EP 2007056305 W 20070625; US 30954507 A 20070625