

Title (en)
TEST BENCH FOR WHEELSET SHAFTS

Title (de)
PRÜFSTAND FÜR RADSATZWELLEN

Title (fr)
BANC D'ESSAI D'ESSIEUX

Publication
EP 2954298 A1 20151216 (DE)

Application
EP 14701771 A 20140130

Priority
• AT 500892013 A 20130206
• EP 2014051763 W 20140130

Abstract (en)
[origin: WO2014122059A1] The invention relates to a test bench for wheelset shafts, having the following features: the wheelset shafts to be tested have two mounted wheel disks; the bending torque is introduced via the two wheel disks; the wheelset shafts to be tested are mounted on the retaining consoles in the expected region of the vibration nodes by means of rubber bearings; and the main natural frequencies of the retaining consoles lie above the testing frequency. By using the test bench according to the invention, the testing time and testing costs can be significantly reduced. The necessary measuring equipment can be easily mounted on the shaft. Thus, standard measuring equipment can be used.

IPC 8 full level
G01M 17/10 (2006.01); **G01N 3/34** (2006.01)

CPC (source: AT EP)
G01M 17/10 (2013.01 - AT EP)

Citation (search report)
See references of WO 2014122059A1

Citation (examination)
BERTINIA L ET AL: "RESONANT BENCH FOR FATIGUE TESTING OF STEEL DRILL PIPE CONNECTIONS", vol. AIAS 2012 - 005, 5 September 2012 (2012-09-05), pages 1 - 13, XP002723010, Retrieved from the Internet <URL:http://www2.ing.unipi.it/~a011216/Pubblicazioni/Articoli/2012_1.pdf> [retrieved on 20140408]

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Designated extension state (EPC)
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