

Title (en)
TEST STAND FOR MOTOR VEHICLES

Title (de)
PRÜFSTAND FÜR KRAFTFAHRZEUGE

Title (fr)
BANC D'ESSAI DESTINE A DES VEHICULES AUTOMOBILES

Publication
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Application
EP 03776799 A 20031016

Priority

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Abstract (en)
[origin: WO2004038355A1] The invention relates to a test stand for motor vehicles, said test stand comprising a rolling device (1) which has a bearing surface (3) and is used to roll the wheels (2). Said bearing surface (3) is rotatably driven and can preferably be blocked and/or braked and/or released. Said test stand is designed and developed, in terms of an especially significant functional test, such that the rolling device (1) is mounted in such a way that it can be at least slightly displaced with at least two degrees of freedom, and in order to determine the force generated by the motor vehicle during driving and/or braking movements of the motor vehicle, the force acting between the rolling device (1) and a pre-determinable fixed point (10), and/or the displacement path and/or angle of rotation created between the rolling device (1) and a pre-determinable fixed point (10) during driving and/or braking movements of the motor vehicle, can be measured.

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G01L 5/28; **G01M 17/06**

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Citation (search report)
See references of WO 2004038355A1

Citation (examination)

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- EP 0504437 A1 19920923 - SCHENCK AG CARL [DE]
- DE 3715460 C1 19881013 - PFISTER GMBH
- US 6427528 B1 20020806 - YAMAKADO MAKOTO [JP], et al

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