

Title (en)
TEST STAND FOR MOTOR VEHICLES

Title (de)
PRÜFSTAND FÜR KRAFTFAHRZEUGE

Title (fr)
BANC D'ESSAI POUR VEHICULES AUTOMOBILES

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Application
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Abstract (en)
[origin: WO2004038356A1] 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 simple track measurements or shock absorber tests, such that the rolling device (1) is mounted in such a way that it can be at least slightly displaced transversally or perpendicularly to the direction of travel (6), 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 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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Citation (search report)
See references of WO 2004038356A1

Citation (examination)

- DE 19527742 A1 19970130 - AUDI AG [DE]
- US 6427528 B1 20020806 - YAMAKADO MAKOTO [JP], et al
- JP 2002277352 A 20020925 - HONDA MOTOR CO LTD
- EP 1394527 A1 20040303 - HONDA MOTOR CO LTD [JP]
- JP H02130450 A 19900518 - HITACHI LTD
- JP 2001050834 A 20010223 - HARADA KUNI KK
- US 2003159519 A1 20030828 - HARADA KUNIO [JP]
- US 6257054 B1 20010710 - ROSTKOWSKI JACEK L [CA], et al
- JP 2000241299 A 20000908 - TOYOTA MOTOR CORP
- DE 29815731 U1 20000105 - SCHEUERMANN HARALD [DE]
- US 5973274 A 19991026 - ZARCHY RICHARD R [US]

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