

Title (en)  
PORTABLE ROLLER DYNAMOMETER AND VEHICLE TESTING METHOD

Title (de)  
TRAGBARES DYNAMOMETER UND TESTMETHODE FÜR FAHRZEUGE

Title (fr)  
UNITE PORTABLE A ROULEAUX ET A DYNAMOMETRES ET PROCEDE DE TEST DE VEHICULES

Publication  
**EP 1080354 A1 20010307 (EN)**

Application  
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Priority  
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Abstract (en)  
[origin: WO9960363A1] A roller dynamometer is provided, having at least one supporting carriage having a rotatable roller and a dynamometer linked to the roller for measuring torque output of a vehicle. The carriages are rollable on a substrate for positioning under a vehicle. In one aspect, multiple dynamometer and roller units are provided, for engagement with multiple vehicle wheels, with the units being linked electrically for common control by a control unit that simulates either straight line or curved driving conditions. In a further aspect, the dynamometer is supported on the carriage by a rotary mount. In a further aspect, the rollers have a generally hourglass shape to permit vehicle wheel self-centering.

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**G01M 17/007**; **G01M 17/00**

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