

Title (en)

GEARBOX SIMULATION TEST BENCH

Title (de)

GETRIEBESIMULATIONS-PRÜFTISCH

Title (fr)

BANC D'ESSAI SIMULANT UNE BOITE DE VITESSES

Publication

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Application

EP 06726237 A 20060310

Priority

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- FR 0502491 A 20050314

Abstract (en)

[origin: WO2006097655A1] The invention relates to a test bench that reproduces the performance of a gearbox. The invention consists of: at least one gearshift module (2) comprising a linear motor (12) and a ball joint (14) that can be used to convert a linear motion of the motor (12) into a rotational motion of a gearshift shaft (5) and a force sensor (17) that can be used to measure the force applied to the gearshift shaft (5). In particular embodiments of the invention, the test bench also comprises a vertical linear selection module or a horizontal selection module. The modules employed can be used to simulate forces as a function of the shift and selection position in a manner that is representative of a gearbox.

IPC 8 full level

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