

Title (en)

DAMPING MASS FOR INCREASED GEAR SHIFTING COMFORT

Title (de)

DÄMPFUNGSMASSE FÜR BEQUEMERE GANGSCHALTUNG

Title (fr)

MASSE D'AMORTISSEMENT PERMETTANT D'AMELIORER LE CONFORT DU CHANGEMENT DE VITESSES

Publication

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Application

EP 05776364 A 20050830

Priority

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Abstract (en)

[origin: WO2006041347A1] A damping mass (25) for increased gear shifting comfort, fixedly disposed on a control shaft (24) of a motor vehicle gearbox. The control shaft (24) is coupled to at least one gear shift fork disposed in the gearbox and to a gear shift lever for manual selection of a gear in the gearbox. In the damping mass (25) , a cavity (28) extends substantially along a predetermined radius at a distance from the geometrical center (29) of the control shaft. The cavity is filled with a fluid (30) with predetermined viscosity. A body (23) having a certain predetermined weight is designed to move preferably along said radius in the cavity (28) , with a view to maintaining good gear shifting comfort accompanied by a reduction in torque stress over the control shaft (24).

IPC 8 full level

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