

Title (en)
STEERING WHEEL-MOUNTED RESTRAINING SYSTEM FOR A MOTOR VEHICLE

Title (de)
LENKRAD-RÜCKHALTESYSTEM FÜR EIN KRAFTFAHRZEUG

Title (fr)
SYSTEME DE RETENUE MONTE DANS LE VOLANT POUR VEHICULE A MOTEUR

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Application
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Abstract (en)
[origin: WO9828166A2] The invention relates to steering wheel-mounted restraining system for a motor vehicle with, in the steering column, a gas generator with a housing, a diffuser and an airbag fitted in the hub of the steering wheel. The invention aims to configure this system in such a way that it displays its specified safety effect even in respect of an out-of-position vehicle driver. For this, the gas generator housing (2; 16; 24) is designed as a torque-transmitting part of the steering column (1) and fitted and led between the steering wheel (4) and a steering column underpart (7; 18; 31), and telescopically connected with the latter. In a preferred embodiment form, an axial displacement of the housing (2; 16; 24) towards the steering column underpart (7; 18; 31) between a normal use position and a crash position takes place upon overcoming an element (8; 15; 33) that blocks the displacement, by a pressure force of predetermined magnitude acting on the gas generator.

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