

Title (en)

A SEAT BELT PRETENSIONER FOR A MOTOR VEHICLE

Title (de)

SITZGURTVORSPANNER FÜR EIN KRAFTFAHRZEUG

Title (fr)

PRÉTENDEUR DE CEINTURE DE SÉCURITÉ POUR UN VÉHICULE À MOTEUR

Publication

EP 2185387 A1 20100519 (EN)

Application

EP 07835039 A 20070910

Priority

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Abstract (en)

[origin: WO2009035379A1] A seat-belt pre-tensioner for a motor vehicle, comprises a piston member 28, 102 displaceable in a chamber 38, 40, 104 under gas pressure from a source of compressed gas or a source of gas generated by a pyrotechnic device applied to said chamber. The piston member is coupled to a seat belt tensioning element. In one arrangement, the piston is a rotary piston in the form of a vane 28 secured to a shaft 30 carrying a crank 50 having at its end a member 54 retaining a loop at one end of a seat belt tensioning cable 56. In another arrangement the piston 102 is movable axially in a cylinder 104 and acts on an eccentrically mounted drum 112 around which a seat belt tensioning cable 130 extends.

IPC 8 full level

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CPC (source: EP)

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