

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 A4 20120822 (EN)**

Application  
**EP 07835039 A 20070910**

Priority  
SE 2007000780 W 20070910

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  
**B60R 22/195** (2006.01)

CPC (source: EP)  
**B60R 22/1952** (2013.01); **B60R 22/1954** (2013.01); **B60R 2022/4685** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2009035379A1

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