Title (en)

BELT TENSIONING UNIT

Title (de)

RIEMENSPANNEINHEIT

Title (fr)

ENSEMBLE TENDEUR DE COURROIE

Publication

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Application

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Abstract (en)

[origin: WO2010130553A1] The invention relates to a belt tensioning unit (1) comprising a rotatably fixed base part (2) and a tensioning part (3) which can be rotated in a limited manner in relation to the base part against the action of an energy storage unit (6), wherein between the base part (2) and the tensioning part (3) a friction device (8) is radially arranged between the energy storage unit (6) and a friction surface (10), which friction device is pre-tensioned by the energy storage unit (6) in a radial outward direction against the friction surface (10) when the base part (2) and the tensioning part (3) are rotated in relation to each other. In order to obtain a simple friction device (8) having improved friction properties, it is proposed to design the friction device (8) as a friction segment (9) that encloses two friction surfaces arranged symmetrically to each other and opposite of each other at the friction surface (10).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2010130553A1

Citation (examination)

- DE 102007031298 A1 20090108 - SCHAEFFLER KG [DE]
- DE 102006057005 A1 20080605 - SCHAEFFLER KG [DE]

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