

Title (en)

Tappet, injection pump and valve actuator comprising such a tappet and manufacturing method for such a tappet

Title (de)

Stößel, Einspritzpumpe und Ventilaktor mit einem solchen Stößel und Herstellungsverfahren eines solchen Stößel

Title (fr)

Poussoir, pompe à injection et actionneur de soupape comportant un tel poussoir et procédé de fabrication d'un tel poussoir

Publication

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Application

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Priority

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Abstract (en)

[origin: EP2853699A1] The invention relates to a mechanical system (1), comprising a tappet (10) including a body (11), a support element (20) defining two bores (258) centered on a first axis (X1), a pin (30) comprising two opposite ends each adapted to be fitted in one of the two bores (258), and a roller element (40) positioned between the two bores (258) along the first axis (X1) and movable in rotation relative to the pin (30) around the first axis (X1). According to the invention, the support element (20) is distinct from the body (11) and fixed thereto, and the support element (20) also comprises at least one antirotation device (24) integrally formed thereto. The invention also relates to an injection pump and a valve actuator comprising such a mechanical system (1). The invention also relates to a manufacturing method.

IPC 8 full level

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Cited by

DE102017206523B4; DE102015218754B4; EP3078843A1; EP3124759A1; US11143059B2; US11149593B2; US10087788B2; US10119607B2; US10385957B2

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