

Title (en)
HYDRAULIC TAPPET

Title (de)
HYDRAULISCHE VENTILSTÖSSEL

Title (fr)
POUSSOIR DE SOUPAPE HYDRAULIQUE

Publication
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Application
EP 17748575 A 20170731

Priority
• IT 201600083173 A 20160805
• IB 2017054642 W 20170731

Abstract (en)
[origin: WO2018025149A1] Described is a hydraulic tappet of an internal combustion engine, comprising a rocker (2) oscillating about a respective axis (A1) of oscillation to control the movement of at least one valve, the rocker (2) having, at a relative arm (B2), a through cavity (5) extending with axial symmetry having a central axis (A2) skew relative to the above-mentioned axis (A1) of oscillation, the cavity (5) having an inner wall (5a), a lower outlet (6) and an upper outlet (7) longitudinally opposite each other; a plunger (8) engaged slidably inside the cavity (5) and emerging from it partially at the relative lower outlet (6), the plunger (8) being configured to engage with a respective element (9) for pushing at least one valve; a check valve unit (10) designed to adjust a flow of oil circulating inside the cavity (5), the valve unit (10) comprising a main body (11) located inside the cavity (5) for closing the relative upper outlet (7).

IPC 8 full level
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CPC (source: EP)
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