

Title (en)
CAM FOLLOWER FOR ACTUATING A GAS EXCHANGE VALVE

Title (de)
NOCKENFOLGER ZUR BETÄTIGUNG EINES GASWECHSELVENTILS

Title (fr)
SUIVEUR DE CAME DESTINÉ À ACTIONNER UNE SOUPAPE D'ÉCHANGE DE GAZ

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Application
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Priority

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Abstract (en)
[origin: WO2011088924A1] The invention relates to a cam follower (1, 1') for actuating a gas exchange valve of an internal combustion engine, comprising a housing (2, 2') and a cam roller (3) mounted in a recess (4) of the housing for disengaging a cam of a camshaft, wherein the cam roller is mounted radially on a bearing journal (8) by means of a needle bearing (12) extending in the bearing bore (13) thereof and the width (B1) of the needle bearing is significantly greater than the width (B2) of the cam roller in the region of the cam disengagement. To this end the width of the needle bearing should be significantly greater than the width of the cam roller in the region of the bearing bore and significantly greater than the clear space (B3) between roller contact surfaces (17, 17') which delimit the recess and on which the cam roller runs axially with the end faces (16) thereof.

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