

Title (en)

CAM FOLLOWER FOR A VALVE DRIVE OF AN INTERNAL COMBUSTION ENGINE

Title (de)

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Title (fr)

CULBUTEUR POUR UNE COMMANDE DE SOUPAPE D'UN MOTEUR À COMBUSTION INTERNE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2009003840A2] A cam follower (2) is proposed for a valve drive (1) of an internal combustion engine with a lifting disc valve (9), to the shaft end face (8) of which at least two different valve strokes can be applied via a contact face (7) of the cam follower (2). The contact face (7) has a profile which is curved convexly in the longitudinal direction of the cam follower (2) and has at least one profile point (P0) from which two contact areas (K1, Kx), having profiles which are different from one another and are respectively adapted to one of the valve strokes, proceed. In this context, at least one of the contact areas (K1, Kx) is intended to have a profile with a continuously changing curvature, wherein the curvatures of the contact areas (K1, Kx) at the profile point (P0) are essentially of the same size.

IPC 8 full level

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CPC (source: EP)

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