

Title (en)
ADJUSTABLE CAMSHAFT

Title (de)
VERSTELLBARE NOCKENWELLE

Title (fr)
ARBRE À CAMES RÉGLABLE

Publication
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Application
EP 14733087 A 20140624

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Abstract (en)
[origin: WO2014206552A1] The invention relates to an adjustable camshaft (1) for the valve train of an internal combustion engine, having an outer shaft (10) and an inner shaft (11) extending concentrically with the outer shaft (10) and rotatably accommodated therein, wherein on the outer surface (13) of the outer shaft (10), at least one cam member (12) is rotatably mounted while forming a slide bearing gap, wherein the cam member (12) is connected to the inner shaft (11) in a rotationally fixedly manner. According to the invention, in the outer surface (13) of the outer shaft (10), at least one oil routing groove (14) is introduced in a position and with an axial length such that the oil routing groove (14) is formed at least across the axial width of the slide bearing gap, and that on at least one side of the cam member (12), the oil routing groove is brought out from the slide bearing gap with a free groove portion (15).

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