

Title (en)
CAMSHAFT HAVING ADJUSTABLE CAMS THAT CAN BE OILED BY MEANS OF PRESSURE OIL

Title (de)
NOCKENWELLE MIT DURCH DRUCKÖL BEÖLBARE, VERSTELLBARE NOCKEN

Title (fr)
ARBRE À CAMES RÉGLABLES POUVANT ÊTRE REMPLIES D'HUILE SOUS PRESSION

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Abstract (en)
[origin: WO2013160051A1] The invention relates to an adjustable camshaft (1) for the valve gear of an internal combustion engine, comprising an outer shaft (10), on which at least one first cam (11) is arranged and connected to the outer shaft in a rotationally fixed manner, and an inner shaft (12) extending through the outer shaft (10), to which inner shaft at least one second cam (13) is connected in a rotationally fixed manner, wherein the second cam (13) connected to the inner shaft (12) in a rotationally fixed manner has a cam hole (14) and is rotatably supported on a seating point (15) on the outer shaft (10). According to the invention, at least one oil groove (16, 17, 18, 19, 20, 20', 21) is introduced at the seating point (15) in the outer shaft (10) and/or in the inner wall of the cam hole (14), into which oil groove oil is guided from a gap (25) between the outer shaft (10) and the inner shaft (12) through at least one passage (22, 23, 24) extending through the outer shaft (10).

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