

Title (en)

Variable phase camshaft for internal combustion engine

Title (de)

Verstell-Nockenwelle, insbesondere für ventilgesteuerte Brennkraftmaschinen

Title (fr)

Arbre à cames à phase variable pour moteur à combustion interne

Publication

EP 0843079 B1 20020109 (DE)

Application

EP 97117485 A 19971009

Priority

DE 19646934 A 19961113

Abstract (en)

[origin: EP0843079A1] The camshaft (1) has cams (4,5) angularly adjustable relative to one between stops (3,6). The cam shaft further has slots (9) formed in the cam mounting holes (7) directed at an angle to the camshaft axis (8) for the form-locking engagement of a special guide element (10) which is rigidly connected to a pin movably installed with a clearance fit in the camshaft. A restricting channel (13) passing through the pin and guide element is in communication with an oil passage (11). The guide element and slot form-lock engage with each other by corresponding guide faces (14,15).

IPC 1-7

F01L 1/344

IPC 8 full level

F01L 1/344 (2006.01)

CPC (source: EP)

F01L 1/34413 (2013.01)

Citation (examination)

DE 19637416 A1 19980319 - BAYERISCHE MOTOREN WERKE AG [DE]

Designated contracting state (EPC)

DE FR GB IT

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