

Title (en)  
VALVE-OPERATING DEVICE FOR INTERNAL-COMBUSTION ENGINES

Publication  
**EP 0353543 B1 19920122 (DE)**

Application  
**EP 89113228 A 19890719**

Priority  
DE 3826365 A 19880803

Abstract (en)  
[origin: EP0353543A1] In a valve operating mechanism for internal-combustion engines, a control shaft (3) with a control cam (4) for actuating a valve (6) acts on a tappet (5) which interacts with the control cam (4) by means of an arched sliding track (8). To achieve an ample torque curve at low speeds of the internal-combustion engine and with this an acceptable power level in the upper speed range, it is proposed for the purpose of the advantageous dimensioning of the interacting valve gear elements that the control cam (4) for an inlet valve have a main cam of at most 240 DEG crankshaft angle with a cam or valve stroke of at least 10 mm, the sliding track (8) of the tappet being designed with a roll radius of between 50 and 80 mm. <IMAGE>

IPC 1-7  
**F01L 1/08**; **F01L 1/14**

IPC 8 full level  
**F01L 1/08** (2006.01); **F01L 1/14** (2006.01)

CPC (source: EP)  
**F01L 1/08** (2013.01); **F01L 1/143** (2013.01); **F01L 2820/01** (2013.01); **F02B 2275/18** (2013.01)

Cited by  
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**EP 0353543 A1 19900207**; **EP 0353543 B1 19920122**; DE 3826365 A1 19900215; DE 58900757 D1 19920305

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