

Title (en)  
Rocker arm

Title (de)  
Kipphebel

Title (fr)  
Culbuteur

Publication  
**EP 0681093 B1 19970910 (DE)**

Application  
**EP 95106482 A 19950428**

Priority  
DE 4415608 A 19940504

Abstract (en)  
[origin: EP0681093A1] The rocker lever has a cam run-out surface for a cam support and a mounting for a hydraulic valve clearance compensation component with an intermediately arranged rocker axis. The rocker lever (1) has a higher strength cast iron produced by die casting in the area of the cam run-out surface (5) and has a greater hardness than the spherical cast areas of the rocker lever axis (2) and the cylindrical accommodation (6), which are cast into the rocker lever. The thickness of the walling of the mounting corresponds to approx. a third of the radius of the cylindrical mounting of the rocker lever. The area around the mounting of the rocker lever has a perlite-ferrite-ball graphite structure. <IMAGE>

IPC 1-7  
**F01L 1/18**; **F01L 1/24**

IPC 8 full level  
**F01L 1/18** (2006.01); **F01L 1/24** (2006.01)

CPC (source: EP KR US)  
**F01L 1/181** (2013.01 - EP KR US); **F01L 1/2411** (2013.01 - EP KR US); **Y10T 74/20582** (2015.01 - EP US); **Y10T 74/20882** (2015.01 - EP US)

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**EP 95106482 A 19950428**; DE 4415608 A 19940504; DE 59500624 T 19950428; JP 10888495 A 19950502; KR 19950010810 A 19950503; US 42985595 A 19950427