

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)

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0681093 A1 19951108; **EP 0681093 B1 19970910**; DE 4415608 A1 19951109; DE 59500624 D1 19971016; JP H0842314 A 19960213; KR 950032982 A 19951222; US 5582142 A 19961210

DOCDB simple family (application)
EP 95106482 A 19950428; DE 4415608 A 19940504; DE 59500624 T 19950428; JP 10888495 A 19950502; KR 19950010810 A 19950503; US 42985595 A 19950427