

Title (en)

Tappet in a combustion engine

Title (de)

Tassenstößel einer Brennkraftmaschine

Title (fr)

Poussoir de moteur à combustion interne

Publication

**EP 1260679 A3 20030813 (DE)**

Application

**EP 02009538 A 20020426**

Priority

DE 10123966 A 20010517

Abstract (en)

[origin: DE10123966A1] The bucket tappet (1) has a hollow cylindrical jacket (2), one endface (3) of which has a surface (5) for contact with the cam. The jacket is appreciably lower in height than the bucket tappet as a whole. The contact surface is made thinner as it is raised from the endface. But the surface is on a very rigid base, so the metal forming it can be of significantly smaller thickness (d).

IPC 1-7

**F01L 1/14**; **F01L 1/24**; **F01L 13/00**; **F01L 1/16**

IPC 8 full level

**F01L 1/14** (2006.01); **F01L 1/16** (2006.01); **F01L 1/24** (2006.01); **F01L 1/25** (2006.01); **F01L 13/00** (2006.01)

CPC (source: EP US)

**F01L 1/143** (2013.01 - EP US); **F01L 1/25** (2013.01 - EP US); **F01L 2820/01** (2013.01 - EP US)

Citation (search report)

- [X] DE 4118370 A1 19921210 - BAYERISCHE MOTOREN WERKE AG [DE]
- [X] DE 19728100 A1 19990107 - SCHAEFFLER WÄELZLAGER OHG [DE]
- [X] US 5823151 A 19981020 - ELENDET HARALD [DE], et al
- [X] EP 0719909 A1 19960703 - FIAT AUTO SPA [IT]
- [X] EP 0292185 A2 19881123 - JAGUAR CARS [GB]
- [X] WO 9936677 A1 19990722 - D A R U T PTY LTD [AU], et al
- [X] US 5231960 A 19930803 - WHITE AMBROSE [US]
- [A] US 2663288 A 19531222 - HUTCHISON JAMES R

Cited by

CN106661968A; DE102004056458A1; EP1600609A3; WO2012013376A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1260679 A2 20021127**; **EP 1260679 A3 20030813**; **EP 1260679 B1 20050209**; DE 10123966 A1 20021121; DE 50202197 D1 20050317; JP 2003003806 A 20030108; JP 4180302 B2 20081112; US 2002170516 A1 20021121; US 6622679 B2 20030923

DOCDB simple family (application)

**EP 02009538 A 20020426**; DE 10123966 A 20010517; DE 50202197 T 20020426; JP 2002141878 A 20020516; US 14110602 A 20020508