

Title (en)

Deactivable tappet for transmission of cam lift on a pushrod

Title (de)

Schaltbarer Stößel zur direkten Übertragung eines Nockenhubes auf eine Stößelstange

Title (fr)

Poussoir désactivable pour transmission de la courbe de came sur une tige de culbuteur

Publication

EP 1239124 A3 20030108 (DE)

Application

EP 02001305 A 20020118

Priority

DE 10111511 A 20010309

Abstract (en)

[origin: EP1239124A2] The switchable tappet (1) has a hydraulic play-compensating element (31) and high hydraulic rigidity directed by a far-out radial leak trap gap. It is located directly between a casing (2) and a compression piston round an internal element (11) acting on a pushrod. The compression piston is built directly into a recess (3) in the casing.

IPC 1-7

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

IPC 8 full level

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

CPC (source: EP)

F01L 1/146 (2013.01); **F01L 13/0005** (2013.01); **F01L 13/0031** (2013.01); **F01L 2305/00** (2020.05)

Citation (search report)

- [XY] US 2942595 A 19600628 - BERGMANN SR PAUL F, et al
- [YA] DE 950515 C 19561011 - MASCHF AUGSBURG NUERNBERG AG
- [XA] US 6196175 B1 20010306 - CHURCH KYNAN L [US]
- [DY] DE 19844202 A1 20000330 - SCHAEFFLER WAEHLZLAGER OHG [DE]
- [Y] US 2887996 A 19590526 - GEORGE WOOD
- [Y] GB 574852 A 19460123 - GEN MOTORS CORP

Cited by

US11187119B2

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 1239124 A2 20020911; **EP 1239124 A3 20030108**; **EP 1239124 B1 20031203**; DE 10111511 A1 20021024; DE 50200120 D1 20040115; ES 2211832 T3 20040716

DOCDB simple family (application)

EP 02001305 A 20020118; DE 10111511 A 20010309; DE 50200120 T 20020118; ES 02001305 T 20020118