

Title (en)

CAM FOLLOWER FOR A VALVE GEAR IN AN INTERNAL COMBUSTION ENGINE

Title (de)

SCHLEPPHEBEL EINES VENTILTRIEBS EINER BRENNKRAFTMASCHINE

Title (fr)

BASCULEUR D'UN MECANISME DE DISTRIBUTION DE MOTEUR A COMBUSTION INTERNE

Publication

**EP 1554470 A1 20050720 (DE)**

Application

**EP 03769383 A 20031014**

Priority

- DE 10249560 A 20021024
- EP 0311343 W 20031014

Abstract (en)

[origin: WO2004038185A1] The invention relates to a cam follower (1) for a valve gear in an internal combustion engine, comprising two lateral walls (2, 3), connected to each other by means of a crossbar (4). Said crossbar (4) is mounted on a head (10) of a support element (11) by means of a concave moulding (9) at the end (8) of the underside (5) thereof. A clip (12) is applied to the end (8), by means of which the cam follower (1) is fixed on the head (10) such as to move in the pivoting direction thereof. A central section (13) of the clip (12), made from a flat material, is supported on the underside (5) of the crossbar at the end (8) and has a recess (14) beneath the moulding (9), behind the edge (15) of which the head (10) of the support element (11) is fixed. Each lateral wall (2, 3) is enclosed around the outer surfaces (18, 19) thereof by a tang-like projection (16, 17), extending laterally from the central section (13) and clipped to an upper surface (22, 23) or a support surface (24) essentially parallel to the upper surface at the end (20, 21) thereof, such that the end (20, 21) of the projection (16, 17) grips over at least more than a half of a width of the upper side (22, 23) or support surface (24).

IPC 1-7

**F01L 1/18**

IPC 8 full level

**F01L 1/18** (2006.01)

CPC (source: EP US)

**F01L 1/185** (2013.01 - EP US); **F01L 2001/187** (2013.01 - EP US); **Y10T 74/20882** (2015.01 - EP US)

Citation (search report)

See references of WO 2004038185A1

Cited by

DE102014208005A1; WO2015165445A1; US10006318B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**WO 2004038185 A1 20040506**; AU 2003278077 A1 20040513; DE 10249560 A1 20040506; DE 50309489 D1 20080508; EP 1554470 A1 20050720; EP 1554470 B1 20080326; US 2008041326 A1 20080221; US 7350489 B2 20080401

DOCDB simple family (application)

**EP 0311343 W 20031014**; AU 2003278077 A 20031014; DE 10249560 A 20021024; DE 50309489 T 20031014; EP 03769383 A 20031014; US 53277905 A 20050422