

Title (en)

DRAG LEVER OF A VALVE MECHANISM IN AN INTERNAL COMBUSTION ENGINE

Title (de)

SCHLEPPHEBEL EINES VENTILTRIEBS EINER BRENNKRAFTMASCHINE

Title (fr)

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

Publication

**EP 1554471 B1 20080213 (DE)**

Application

**EP 03809281 A 20031014**

Priority

- DE 10249561 A 20021024
- EP 0311344 W 20031014

Abstract (en)

[origin: WO2004038186A1] Disclosed is a drag lever (1) comprising two side walls (2, 3) which are connected together by a transversal bar (4) which is arranged on an end (6) of the lower side (5) thereof on an end (6) thereof on a head of a support element (9) by means of a dome-shaped cavity (7) on a head (8) of a support element (9). A clamp (10) is applied to the end (6) thereof. The clamp fixes the drag lever (1) to the head such that it can be displaced in a pivoting direction thereof. The clamp (10) is made of thin-walled wire material and extends essentially in a transversal manner in relation to the longitudinal axis of the drag lever (1) and is arranged on the lower side (5) of the transversal bar (4) by means of a central section (11) which is formed by webs (12, 13) which extend in a semi-circular manner in a part of the support element (9) which has a reduced diameter (14) and is located below said head (8). The clamp (10) continues on each outer surface (15, 16) of a corresponding side wall (2, 3) by means of two parallel projections (17a, 17b; 18a, 18b) and the ends of said projections are snapped on an upper side (19, 20) of the respective side wall (2, 3) or on a bearing surface which is essentially parallel to the upper side (2, 3) such that at least more than half of the upper side (19, 20) or the bearing surface is covered.

IPC 8 full level

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CPC (source: EP US)

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