

Title (en)

Valve train for internal combustion engine

Title (de)

Ventiltrieb für Verbrennungsmotor

Title (fr)

Dispositif de commande de soupape pour moteur à combustion interne

Publication

**EP 2034140 A2 20090311 (EN)**

Application

**EP 08015221 A 20080828**

Priority

JP 2007229151 A 20070904

Abstract (en)

A valve train (1) includes a valve (2), a spring retainer (3), a pair of cotters (4), a valve spring (5), and a valve lifter (6). The valve (2) includes a stem (22) supported by a cylinder head (9) movably in an axial direction, and a valve head (21) provided at an end portion of the stem (22) at a B1 side. The spring retainer (3) is mounted at an end portion of the stem (22) at a B2 side via the cotters (4). The valve spring (5) is arranged between the cylinder head (9) and the spring retainer (3). The valve lifter (6) is in contact with a head portion (23) of the stem (22). The spring retainer (3) includes a supporting portion (35) that supports an end portion of the valve spring (5), and a rib (34) that guides the end portion to the supporting portion (35).

IPC 8 full level

**F01L 3/10** (2006.01); **F01L 1/14** (2006.01)

CPC (source: EP)

**F01L 1/14** (2013.01); **F01L 3/10** (2013.01)

Citation (applicant)

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