

Title (en)

Adjustable valve spring retainer for internal combustion engine.

Title (de)

Verstellbarer Ventildfederteller für eine Brennkraftmaschine.

Title (fr)

Cuvette réglable pour le bas du ressort de soupape pour un moteur à combustion interne.

Publication

**EP 0090105 A1 19831005 (EN)**

Application

**EP 82301647 A 19820329**

Priority

EP 82301647 A 19820329

Abstract (en)

A device for the adjustment of the gap between the valve stem and rocker arm or cam shaft of an internal combustion engine having a lower valve spring retainer base (10) and upper cap member (20) with adjustment means associated therewith.

IPC 1-7

**F01L 1/20**; **F01L 1/24**

IPC 8 full level

**F01L 1/20** (2006.01); **F01L 1/25** (2006.01)

CPC (source: EP)

**F01L 1/20** (2013.01); **F01L 1/25** (2013.01)

Citation (search report)

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- [X] US 1857005 A 19320503 - SCHOTTHOEFER JOSEPH G
- [A] FR 2370858 A1 19780609 - MOTOMAK [DE]
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Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

**EP 0375792 A1 19900704**; **EP 0375792 B1 19950118**; DE 3280067 D1 19900125; EP 0090105 A1 19831005; EP 0090105 B1 19891220

DOCDB simple family (application)

**EP 88121323 A 19820329**; DE 3280067 T 19820329; EP 82301647 A 19820329