

Title (en)

Disengageable valve drive means.

Title (de)

Abschaltbare Ventilsteuervorrichtung.

Title (fr)

Commande de soupape avec dispositif de désaccouplement.

Publication

**EP 0302288 A1 19890208 (EN)**

Application

**EP 88111487 A 19860526**

Priority

- EP 88111487 A 19860526
- US 76396285 A 19850809

Abstract (en)

A disengageable valve drive means which may be employed in internal combustion engines having a retarding mode of the compression-release type additionally to the normal powering mode consists of at least two tubular members (258,288) which are engaged to each other in the normal powering mode and which are disengaged in the retarding mode so that the inner tubular member (280) may slide in the other tubular member (258) in order to disable or modify the normal valve motion. The disengageable valve drive means may be incorporated into the valve pushtube, the rocker arm adjusting crew, rocker arm, rocker arm shaft or crosshead.

IPC 1-7

**F01L 13/00; F01L 13/06**

IPC 8 full level

**F01L 13/00** (2006.01); **F01L 13/06** (2006.01); **F02B 15/00** (2006.01); **F02B 39/00** (2006.01); **F02D 13/04** (2006.01)

CPC (source: EP)

**F01L 1/181** (2013.01); **F01L 13/00** (2013.01); **F01L 13/065** (2013.01); **F02D 13/0273** (2013.01); **F02D 13/04** (2013.01); **F01L 1/08** (2013.01)

Citation (search report)

- [AD] US 3220392 A 19651130 - CUMMINS CLESSIE L
- [AD] EP 0037269 A1 19811007 - ENGINE CONTROL IND LTD [CA]
- [A] US 4411229 A 19831025 - CURTIS NIKOLAUS A [US], et al

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Designated contracting state (EPC)

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