

Title (en)

Method for variable valve timing in an internal combustion engine.

Title (de)

Verfahren zur variablen Ventilsteuerung für eine Brennkraftmaschine.

Title (fr)

Procédé pour commander la distribution variable de soupape pour un moteur à combustion interne.

Publication

**EP 0179990 A2 19860507 (EN)**

Application

**EP 85109787 A 19850803**

Priority

US 65605384 A 19840928

Abstract (en)

A method for variable valve timing in an internal combustion engine where by inclining the longitudinal axis (10) of a hydraulic valve adjuster (12), the pivot point of the valve rocker arm (36) changes thereby changing the rocker arm ratio. The hydraulic valve adjusters (12), under control of an electronic control unit (58), are adjusted to a predetermined height and by doing so the pivot end of the rocker arm (36) is changed thereby changing the rocker arm ratio resulting in valve timing change.

IPC 1-7

**F01L 9/02**; **F01L 31/22**

IPC 8 full level

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CPC (source: EP KR)

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Cited by

CN100460633C; DE102017205151A1; DE102017205155A1; DE4211631A1; GB2512925A; CN112189081A; GB2273956A; GB2273956B; EP0286389A3; US4883026A; US10428701B2; US10428702B2; US11236646B2; WO2004067924A1; EP0367552B1

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