

Title (en)

A mechanical device for controlling a valve of a heat engine.

Title (de)

Eine mechanische Vorrichtung zum Regeln des Ventils einer Brennkraftmaschine.

Title (fr)

Un dispositif mécanique pour régler une soupape d'un moteur à combustion interne.

Publication

**EP 0111768 A1 19840627 (EN)**

Application

**EP 83111599 A 19831120**

Priority

IT 6850682 A 19821223

Abstract (en)

The device is operable to allow the rise and phase of the valve (4) to be varied during operation of the engine (1) and is provided with a rocker (10) cooperating at one end (9) with a stem (5) of the valve (4) and at the other end (12) with an oscillating cam (14) of predetermined shape driven by a cam follower (24) slidable in a seat (25) and cooperating with a rotating cam (26) of predetermined shape. The cam follower (24) receives translational movement from the rotating cam (26) and transmits a reciprocating movement to the oscillating cam (14) and the rocker (10), and is operable to vary its length between two end positions to vary the timing and rise of the valve (4).

IPC 1-7

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IPC 8 full level

**F01L 1/24** (2006.01); **F01L 13/00** (2006.01)

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**F01L 1/24** (2013.01); **F01L 13/00** (2013.01); **F01L 13/0021** (2013.01)

Citation (search report)

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