

Title (en)

Arrangement for the control of a device varying the lift of a valve of an internal combustion engine for the circulation of the inlet or outlet gas

Title (de)

Einrichtung zum Steuern einer Vorrichtung zum Verstellen des Ventilhubverlaufs eines Gaswechselventils einer Brennkraftmaschine

Title (fr)

Arrangement pour la commande d'un dispositif de variation de la levée d'une soupape de moteur à combustion interne pour la circulation des gaz d'admission ou d'échappement

Publication

EP 0957239 B1 20050209 (DE)

Application

EP 99109119 A 19990507

Priority

DE 19821241 A 19980512

Abstract (en)

[origin: EP0957239A1] The arrangement has a first camshaft (11) mechanically coupled to the crankshaft (13), a second camshaft (112) mechanically coupled to the first camshaft, a control drive (116) which sets the phase of the second camshaft relative to the first and a transfer element. The transfer element transfers the stroke of the cams to the valve, so that the lift of the first camshaft defines the start or end of the valve stroke and that of the second camshaft defines the end or start of the valve stroke. A camshaft sensor (5) determines the rotation angle of the second camshaft.

IPC 1-7

F01L 13/00

IPC 8 full level

F01L 13/00 (2006.01)

CPC (source: EP US)

F01L 13/0047 (2013.01 - EP US)

Cited by

DE102005001454B4; EP1146405A3; US6541934B1; US7424872B2

Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

EP 0957239 A1 19991117; EP 0957239 B1 20050209; DE 59911574 D1 20050317; US 6119641 A 20000919

DOCDB simple family (application)

EP 99109119 A 19990507; DE 59911574 T 19990507; US 30996199 A 19990511