

Title (en)
VARIABLE VALVE DRIVE FOR AN INTERNAL-COMBUSTION ENGINE

Publication
EP 0203320 A3 19871216 (DE)

Application
EP 86104645 A 19860404

Priority
DE 3519319 A 19850530

Abstract (en)
[origin: US4714057A] In a variable valve control system for an internal-combustion engine, having an intake valve actuated by a valve lever that can be pivoted around a shiftable bearing point, a lift camshaft and a control camshaft are provided. The camshafts control the pivoting of the valve lever. The system also includes a device for phase-shifting the control camshaft relative to the lift camshaft in response to operating parameters of the internal-combustion engine. This provides for premature closing of the intake valve.

IPC 1-7
F01L 31/22

IPC 8 full level
F01L 13/00 (2006.01)

CPC (source: EP US)
F01L 13/0021 (2013.01 - EP US)

Citation (search report)

- [X] DE 3418361 A1 19841018 - GOHLE HERBERT DIPL ING
- [X] DE 3006619 A1 19810827 - AUDI AG [DE]
- [A] FR 1172416 A 19590210
- [A] BE 333655 A

Cited by
FR2700580A1

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
EP 0203320 A2 19861203; EP 0203320 A3 19871216; DE 3519319 A1 19861204; US 4714057 A 19871222

DOCDB simple family (application)
EP 86104645 A 19860404; DE 3519319 A 19850530; US 86871186 A 19860530