

Title (en)

Desmodromic valve drive

Title (de)

Desmodromischer Ventiltrieb

Title (fr)

Actionneur de soupapes desmodromique

Publication

EP 1580405 A1 20050928 (DE)

Application

EP 05006467 A 20050324

Priority

AT 5482004 A 20040326

Abstract (en)

At least one pivoting intermediate link (11) is provided between the cam (2) and valve shaft (8). The drive has at least one driven cam for opening and closing at least one valve (7).

Abstract (de)

Ein Ventiltrieb für eine Verbrennungskraftmaschine weist mindestens ein angetriebenes Nockenelement (2) auf, das mindestens ein Ventil (7) öffnet und zwangsführig schließt. Das Nockenelement (2) ist über mindestens ein schwenkbares Zwischenglied (11) mit dem Ventilschaft (8) des Ventils (7) beweglich verbunden. <IMAGE>

IPC 1-7

F01L 1/30

IPC 8 full level

F01L 1/047 (2006.01); **F01L 1/08** (2006.01); **F01L 1/18** (2006.01); **F01L 1/30** (2006.01); **F01L 13/00** (2006.01)

CPC (source: EP)

F01L 1/047 (2013.01); **F01L 1/08** (2013.01); **F01L 1/181** (2013.01); **F01L 1/185** (2013.01); **F01L 1/30** (2013.01); **F01L 13/0005** (2013.01);
F01L 2301/00 (2020.05); **F01L 2305/00** (2020.05)

Citation (search report)

- [XY] US 1671973 A 19280605 - ANDERSON RUSSELL T
- [XY] GB 809027 A 19590218 - JOSEPH HENRY SUCKLING
- [XY] GB 1369597 A 19741009 - SNELL A J, et al
- [XY] US 4576128 A 19860318 - KENICHI NAGAHIRO [JP]
- [XY] EP 0250797 A2 19880107 - DUCATI MECCANICA SPA [IT]
- [Y] WO 0112958 A1 20010222 - BATTLOGG STEFAN [AT]
- [X] EP 1205643 A1 20020515 - BATTLOGG STEFAN [AT]
- [XY] EP 1277921 A1 20030122 - DUCATI MOTOR HOLDING SPA [IT]
- [XY] US 2003159667 A1 20030828 - ARMSTRONG MARK FREDERICK [AU]
- [Y] WO 03083269 A1 20031009 - BATTLOGG STEFAN [AT]
- [XY] PATENT ABSTRACTS OF JAPAN vol. 009, no. 223 (M - 411) 10 September 1985 (1985-09-10)

Cited by

WO2019130364A1; DE102004029621B4

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

EP 1580405 A1 20050928; EP 1580405 B1 20071121; DE 502005002015 D1 20080103

DOCDB simple family (application)

EP 05006467 A 20050324; DE 502005002015 T 20050324