

Title (en)
Desmodromic valve drive

Title (de)
Desmodromischer Ventiltrieb

Title (fr)
Actionneur de soupapes desmodromiques

Publication
EP 1245797 A3 20030108 (DE)

Application
EP 02006133 A 20020319

Priority
AT 4792001 A 20010326

Abstract (en)
[origin: EP1245797A2] Valve drive comprises at least one driven cam element (2) rotatably arranged in a flexible enclosing element and a cam follower element (10), especially a valve lifter. The enclosing element is pressed by a force acting against valve opening into a concave transition region (73) provided between the base circle region (71) and the cam region (72) of the cam element. Preferred Features: The base circle region of the cam element and a central part (76) of its cam region have a common central curve point lying in the axis (8) of the cam region. The enclosing element has a projection (74) protruding inwardly toward the cam element at the connecting point (12) with the cam follower element.

IPC 1-7
F01L 1/30

IPC 8 full level
F01L 1/047 (2006.01); **F01L 1/08** (2006.01); **F01L 1/30** (2006.01)

CPC (source: EP)
F01L 1/047 (2013.01); **F01L 1/08** (2013.01); **F01L 1/30** (2013.01)

Citation (search report)
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• [Y] GB 2184783 A 19870701 - STIDWORTHY FREDERICK M
• [A] DE 3700715 A1 19870723 - VOLKSWAGEN AG [DE]
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EP1752621A1; DE10306428A1; DE102004026430B3; EP1600610A3

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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