

Title (en)  
Desmodromic valve drive

Title (de)  
Zwangsgesteuerter Ventiltrieb

Title (fr)  
Actionneur de soupapes desmodromique

Publication  
**EP 1752622 A1 20070214 (DE)**

Application  
**EP 06009750 A 20060511**

Priority  
DE 102005038505 A 20050813

Abstract (en)  
The device has at least one driven cam element (35) with a first profile with a first base circle around which a circumferential element (48) passes and a second cam profile (42) with a second base circle of smaller diameter coaxial to the first base circle, producing a cam groove (32) between the element and the second profile engaged by a drive element (30) coupled to the valve (4,5).

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

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

Citation (applicant)  
• EP 1247946 A2 20021009 - BATTLOGG STEFAN [AT]  
• DE 3700715 A1 19870723 - VOLKSWAGEN AG [DE]  
• US 1238175 A 19170828 - MOORE PERRY M [US]

Citation (search report)  
• [X] US 1280912 A 19181008 - WATERMAN FLOYD [US]  
• [X] GB 191319193 A 19140618 - SAMUEL WHITE AND COMPANY LTD J, et al  
• [X] US 1644059 A 19271004 - JOSEPH HOLLE  
• [X] GB 516746 A 19400110 - CECIL NEWMAN JAMES GLASS  
• [X] JP S63129109 A 19880601 - TAKAHASHI TSUNEAKI  
• [X] GB 741831 A 19551214 - KELSTON ENGINEERING COMPANY LT, et al  
• [DX] US 1238175 A 19170828 - MOORE PERRY M [US]

Cited by  
US2011303174A1; US8813698B2

Designated contracting state (EPC)  
DE ES FR GB IT

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1752622 A1 20070214; EP 1752622 B1 20090722**; DE 102005038505 B3 20070322; DE 502006004287 D1 20090903

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**EP 06009750 A 20060511**; DE 102005038505 A 20050813; DE 502006004287 T 20060511