

Title (en)  
Internal combustion engine

Title (de)  
Brennkraftmaschine

Title (fr)  
Moteur à combustion interne pour véhicule automobile

Publication  
**EP 1143116 B1 20050518 (FR)**

Application  
**EP 01400853 A 20010403**

Priority  
FR 0004351 A 20000405

Abstract (en)  
[origin: EP1143116A1] The movement of the inlet valve in opening or closing w.r.t the valve seats (10,13), is controlled using an electromagnetic actuator (15), while that of the exhaust valve is controlled by an assembly (16) including a lever (28) controlled by a cam (27) shaft (26), this assembly being independent of the electromagnetic actuator. The IC engine has an inlet valve (6) and an exhaust valve (7) co-operating respectively with valve seats (10,13) fitting on the cylinders (2).

IPC 1-7  
**F01L 9/04**; **F01L 13/00**; **F01L 1/24**

IPC 8 full level  
**F01L 1/24** (2006.01); **F01L 9/20** (2021.01); **F01L 13/00** (2006.01)

CPC (source: EP)  
**F01L 1/2405** (2013.01); **F01L 9/20** (2021.01); **F01L 13/0005** (2013.01); **F01L 1/185** (2013.01); **F01L 2009/25** (2021.01)

Cited by  
CN104775869A; FR2975133A1; US7930087B2; WO2007083224A3; WO2006063673A1; US7762237B2; US7918210B2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
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