

Title (en)  
OPERATING SYSTEM OF INTERNAL-COMBUSTION ENGINE VALVES

Publication  
**EP 0352580 B1 19920603 (DE)**

Application  
**EP 89113026 A 19890715**

Priority  
DE 3825567 A 19880728

Abstract (en)  
[origin: EP0352580A1] Operating system of internal-combustion engine valves under spring pressure. These valves are controlled via cams and have defined opening and closing times, actuating devices for transmitting the cam movements to a valve actuating mechanism being provided between the valves and the cams. Each valve actuating mechanism comprises at least two transmission levers actuable by cams of different configuration. A first transmission lever controls an opening movement and a second transmission lever controls the closing movement of a single valve independently of the first transmission lever. <IMAGE>

IPC 1-7  
**F01L 31/22**

IPC 8 full level  
**F01L 13/00** (2006.01); **F01L 31/22** (2006.01)

CPC (source: EP)  
**F01L 13/0036** (2013.01); **F01L 13/0063** (2013.01)

Cited by  
EP1712748A1; CN102575536A; AT512877A1; AT512877B1; WO2006090292A3

Designated contracting state (EPC)  
DE FR GB IT NL

DOCDB simple family (publication)  
**EP 0352580 A1 19900131**; **EP 0352580 B1 19920603**; DE 3825567 A1 19900201; DE 58901576 D1 19920709; FI 893569 A0 19890726; FI 893569 A 19900129

DOCDB simple family (application)  
**EP 89113026 A 19890715**; DE 3825567 A 19880728; DE 58901576 T 19890715; FI 893569 A 19890726