

Title (en)  
VARIABLE LIFT CAM FOLLOWER

Publication  
**EP 0345252 B1 19920325 (EN)**

Application  
**EP 87906051 A 19870909**

Priority  
AU PH790486 A 19860909

Abstract (en)  
[origin: WO8802059A1] A mechanism to vary the lift of a valve of an internal combustion engine, the valve (3) being operated by a cam lobe (2) on a cam shaft (1). A lever (7) is pivoted to a support (5) rotatable about the cam shaft (1), the cam lobe (2) acting on a shaped bearing area (10) on the lever, the other side (11) of the lever contacting the cam follower (8), so that by rotation of the support the timing of lift of the valve can be varied. Provision is also made for varying the degree of lift independently of the timing by means of a further lever pivoted to a sleeve rotatable about the cam shaft, the further lever contacting the first lever (7) on one side and the cam follower (8) on the other side. Rotation of the sleeve causes the effective lever arm of the first lever to be varied and thereby the degree of lift of the valve.

IPC 1-7  
**F01L 1/04; F01L 1/12; F01L 1/34; F01L 31/24**

IPC 8 full level  
**F01L 1/12** (2006.01); **F01L 9/02** (2006.01); **F01L 9/10** (2021.01); **F01L 13/00** (2006.01)

CPC (source: EP)  
**F01L 1/12** (2013.01); **F01L 9/10** (2021.01); **F01L 13/0015** (2013.01); **F01L 13/0063** (2013.01)

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