

Title (en)  
INTERNAL COMBUSTION ENGINE

Title (de)  
BRENNKRAFTMASCHINE

Title (fr)  
MOTEUR À COMBUSTION INTERNE

Publication  
**EP 2049774 A1 20090422 (DE)**

Application  
**EP 07801521 A 20070806**

Priority  
• EP 2007006929 W 20070806  
• DE 102006037396 A 20060810

Abstract (en)  
[origin: WO2008017440A1] An internal combustion engine has a camshaft (23) which acts on inlet and outlet valves (5, 7), wherein the lift curve (EV, AV) of the inlet and outlet valves (5, 7) is determined by the shape of the cams (24, 25) of the camshaft (23). Arranged on the camshaft (23) is an additional auxiliary cam which acts on the outlet valve (7), as a result of which a phase-offset auxiliary lift curve (AV<SUB>z</SUB>) is imparted to the outlet valve (7).

IPC 8 full level  
**F01L 13/06** (2006.01)

CPC (source: EP KR US)  
**F01L 13/06** (2013.01 - EP KR US); **F02D 9/08** (2013.01 - KR); **F02D 13/04** (2013.01 - KR); **Y02T 10/12** (2013.01 - EP)

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