

Title (en)  
VALVE ACTUATING MECHANISM FOR AN INTERNAL COMBUSTION ENGINE

Title (de)  
VENTILBETÄTIGUNGSMECHANISMUS FÜR EINE BRENNKRAFTMASCHINE

Title (fr)  
MECANISME D'ACTIONNEMENT DES SOUPAPES POUR UN MOTEUR A COMBUSTION INTERNE

Publication  
**EP 0627043 B1 19960417 (DE)**

Application  
**EP 93903913 A 19930205**

Priority  
• DE 4205230 A 19920221  
• EP 9300276 W 19930205

Abstract (en)  
[origin: DE4205230A1] An actuating mechanism for three inlet valves of a cylinder of an internal combustion engine has three first finger levers (6), each of which actuates an inlet valve (E) and is actuated by a cam (2, 3, 4) for a lower revolution speed range, and two second finger levers (9) which are arranged between neighbouring finger levers (6) and are actuated by their own identical cams (8) for the upper speed range. The first and second finger levers are coupled together in the upper speed range so that the valves are actuated in accordance with the contour of the cams (8).

IPC 1-7  
**F01L 13/00; F01L 1/26**

IPC 8 full level  
**F01L 1/26** (2006.01); **F01L 13/00** (2006.01)

CPC (source: EP US)  
**F01L 1/265** (2013.01 - EP US); **F01L 1/267** (2013.01 - EP US); **F01L 13/0036** (2013.01 - EP US)

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**DE 4205230 A1 19930826**; DE 59302274 D1 19960523; EP 0627043 A1 19941207; EP 0627043 B1 19960417; JP H07504247 A 19950511; US 5495831 A 19960305; WO 9317227 A1 19930902

DOCDB simple family (application)  
**DE 4205230 A 19920221**; DE 59302274 T 19930205; EP 9300276 W 19930205; EP 93903913 A 19930205; JP 51448893 A 19930205; US 29089394 A 19940930