

Title (en)  
VALVE TRAIN ASSEMBLY

Title (de)  
VENTILTRIEB

Title (fr)  
ENSEMBLE COMMANDE DES SOUPAPES

Publication  
**EP 1119689 B1 20040121 (EN)**

Application  
**EP 99970148 A 19991005**

Priority  
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• IT MI982136 A 19981005

Abstract (en)  
[origin: WO0020730A1] A valve train assembly for an internal combustion engine comprises a common carrier which supports the engine's rocker arms by means of individual fulcra each of which preferably forms a part of a hydraulic lash adjuster. Each rocker arm is constructed by deforming a metal sheet into a channel shape, the deformation also forming a part-spherical surface for mating with a surface of the fulcrum. The rocker arms can be snap-fitted on to the fulcra by means of an apertured, resilient sheet.

IPC 1-7  
**F01L 1/24**; F01L 1/18; F01L 1/053

IPC 8 full level  
**F01L 1/26** (2006.01); **F01L 1/04** (2006.01); **F01L 1/053** (2006.01); **F01L 1/18** (2006.01); **F01L 1/24** (2006.01)

CPC (source: EP)  
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Cited by  
EP2233704A1; DE102010013942A1; DE102008022601A1; US7918200B2; DE102011005851A1; DE102022109243A1; WO2007082622A1

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