

Title (en)

Three-dimensional cam device and method of making a three-dimensional cam for a valve drive system for engines

Title (de)

Dreidimensionaler Nocken und Verfahren zur Herstellung eines dreidimensionalen Nockens in einer Ventilsteuerungsvorrichtung für Brennkraftmaschinen

Title (fr)

Came tri-dimensionnelle et methode de fabrication d'une came tri-dimensionnelle pour commande de soupape de moteur

Publication

EP 0990774 B1 20040721 (EN)

Application

EP 99119451 A 19990930

Priority

- EP 99119451 A 19990930
- JP 27814998 A 19980930

Abstract (en)

[origin: EP0990774A1] A three-dimensional cam device having a cam follower adapted to rock in a direction inclined with respect to the direction of displacement of a cam surface of a three-dimensional cam. The sliding surface of the cam follower is in the form of a convex of an arcuate cross-section when viewed from the axial direction of a rocker shaft, and at least a pad of the cam surface is formed with a concave surface such that the axially central portion of a three-dimensional cam is curved inward from other portions. <IMAGE>

IPC 1-7

F01L 1/26; **F01L 13/00**; **F01L 1/08**

IPC 8 full level

F01L 1/08 (2006.01); **F01L 1/26** (2006.01); **F01L 13/00** (2006.01)

CPC (source: EP)

F01L 1/08 (2013.01); **F01L 1/262** (2013.01); **F01L 13/0042** (2013.01); **F02B 2275/18** (2013.01)

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