

Title (en)  
CAMSHAFT

Title (de)  
NOCKENWELLE

Title (fr)  
ARBRE À CAMES

Publication  
**EP 1963625 B1 20100728 (DE)**

Application  
**EP 06828664 A 20061213**

Priority  
• DE 2006002229 W 20061213  
• DE 102005062207 A 20051224

Abstract (en)  
[origin: DE102005062207A1] A camshaft, especially for motor vehicle engines, comprises opposed cams (3,4) on a camshaft (1,2) with inner (5) and outer (6) coaxial shafts with oppositely turning cams, one (3) being fixed to the inner shaft and one (4) to the outer. The outer shaft is a circular cylindrical tube of uniform inner diameter (d) giving a stepless inner surface (9) and the inner shaft has an end-securing unit (100) secured directly on the inner surface of the outer shaft.

IPC 8 full level  
**F01L 1/047** (2006.01)

CPC (source: EP US)  
**F01L 1/047** (2013.01 - EP US); **F01L 13/0015** (2013.01 - EP US); **F01L 2001/0473** (2013.01 - EP US); **Y10T 29/49293** (2015.01 - EP US)

Cited by  
DE102011052819A1; EP3165721A1; DE102015221868A1; EP3633157A1; WO2020070597A1; DE102012220652A1; WO2014075908A1; WO2013024140A1; US10352199B2

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
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