

Title (en)

Camshaft for a combustion engine

Title (de)

Nockenwelle für eine Brennkraftmaschine

Title (fr)

Arbre à cames pour un moteur à combustion interne

Publication

EP 2713018 B1 20150527 (DE)

Application

EP 13182637 A 20130902

Priority

DE 102012217456 A 20120926

Abstract (en)

[origin: EP2713018A1] The camshaft (1) has a driving wheel (4) that is arranged on a longitudinal end side, and is provided with a chain wheel and belt pulley. A bearing (2) is arranged in proximate to the driving wheel. A bearing (3) is provided for supporting the camshaft. A rolling bearing is provided with an inner diameter of approximately 24-30 mm. The inner diameter of roller bearing is made larger than an outer diameter of the camshaft on the bearing (3). The bearing (2) is arranged on a bearing shoulder (5) of driving wheel.

IPC 8 full level

F01L 1/047 (2006.01)

CPC (source: EP US)

F01L 1/047 (2013.01 - EP US); **F01L 1/34** (2013.01 - US); **F01L 2001/0471** (2013.01 - EP US); **F01L 2001/0476** (2013.01 - EP US)

Cited by

DE102014202199A1; US9957854B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2713018 A1 20140402; EP 2713018 B1 20150527; DE 102012217456 A1 20140327; JP 2014066246 A 20140417; JP 6198546 B2 20170920; US 2014083382 A1 20140327; US 9574464 B2 20170221

DOCDB simple family (application)

EP 13182637 A 20130902; DE 102012217456 A 20120926; JP 2013199340 A 20130926; US 201314037994 A 20130926