

Title (en)

Camshaft for combustion engines.

Title (de)

Nockenwelle für Verbrennungsmotoren.

Title (fr)

Arbres à cames pour moteurs à combustion.

Publication

EP 0473061 B1 19951108 (DE)

Application

EP 91114051 A 19910822

Priority

- DE 4026980 A 19900825
- DE 4029026 A 19900913

Abstract (en)

[origin: EP0473061A2] In order to improve a camshaft for internal combustion engines having a functional part with functional elements and a driving part held on the functional part and to improve a process for manufacturing a shaft of this kind in such a way that the driving part can be manufactured with any desired geometrical shape and/or more cheaply, it is proposed that the driving part and the functional part should be separate parts and that the driving part should be joined to the functional part by welding. <IMAGE>

IPC 1-7

F01L 1/04; F16H 53/02; B23K 20/12

IPC 8 full level

B23K 20/12 (2006.01); **F01L 1/04** (2006.01); **F01L 1/047** (2006.01); **F16H 53/02** (2006.01)

CPC (source: EP)

F01L 1/047 (2013.01)

Cited by

EP2093421A1; US6036077A; EP2107244A1; GB2259468A; EP1577047A1; FR2867712A1; US6305242B1; WO9709148A1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

EP 0473061 A2 19920304; **EP 0473061 A3 19920527**; **EP 0473061 B1 19951108**; DE 4029026 A1 19920305; DE 59106853 D1 19951214; ES 1019908 U 19920516; ES 1019908 Y 19930216

DOCDB simple family (application)

EP 91114051 A 19910822; DE 4029026 A 19900913; DE 59106853 T 19910822; ES 9102676 U 19910826