

Title (en)
Assembled camshaft.

Title (de)
Zusammengesetzte Nockenwelle.

Title (fr)
Arbre à cames assemblé.

Publication
EP 0516946 B1 19941005 (DE)

Application
EP 92106321 A 19920411

Priority
DE 4118685 A 19910607

Abstract (en)
[origin: EP0516946A1] A description is given of a camshaft, the cams (2) of which are connected frictionally and positively to the shaft (1) by expanding the shaft. In the region of the cam tip (2a), the cam has a groove (5) which starts from the through-hole in the shaft and merges into an opening (8) of greater width (b), the contour of which is similar to the outer contour of the cam tip (2a). By means of this configuration, large jumps in stiffness, which would cause impermissibly high deformation gradients of the shaft, are avoided.

IPC 1-7
F01L 1/04

IPC 8 full level
F01L 1/04 (2006.01); **F01L 1/047** (2006.01)

CPC (source: EP)
F01L 1/047 (2013.01); **B22F 2998/00** (2013.01)

Citation (examination)
EP 0303845 A1 19890222 - SCHNEIDER GESENKSCHMIEDE [DE]

Cited by
US7290515B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0516946 A1 19921209; EP 0516946 B1 19941005; DE 4118685 A1 19921210; DE 59200585 D1 19941110

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