

Title (en)
Camshaft

Title (de)
Nockenwelle

Title (fr)
Arbre à cames

Publication
EP 0704604 A3 19961211 (DE)

Application
EP 95112586 A 19950810

Priority
DE 4434982 A 19940930

Abstract (en)
[origin: EP0704604A2] The multi-part camshaft is multiply located in a crankcase in bearing shells of a bearing bridge. Each camshaft part piece (2-4) at one end (5) has a connecting flange (6) and at the other end (7) a bearing pin (8). In the operating state (1) the connecting flange of one part piece is releasably connected via flange screws (1,2) with a bearing pin of the connecting part piece (3). The connecting flange and the bearing pin are formed as a one-part forged component part with the camshaft part piece. The bearing shell (9) on the one hand in the operating state is securely held by a radially arranged screw-in bolt (11) in the bearing bridge (10) and on the other hand the bearing shell in the removed state of the camshaft part piece is axially displaceable with the screw-in bolt loosened.

IPC 1-7
F01L 1/04

IPC 8 full level
F01L 1/047 (2006.01)

CPC (source: EP)
F01L 1/047 (2013.01); **F01L 2001/0476** (2013.01)

Citation (search report)

- [X] DE 2706021 A1 19770825 - WAERTSILAE OY AB
- [A] FR 2373673 A1 19780707 - SULZER AG [CH]
- [A] EP 0407761 A2 19910116 - MAK MASCHINENBAU KRUPP [DE]
- [A] DE 1141492 B 19621220 - MOTOREN WERKE MANNHEIM AG

Cited by
EP1057979A3

Designated contracting state (EPC)
CH DE FR LI NL

DOCDB simple family (publication)
EP 0704604 A2 19960403; EP 0704604 A3 19961211; DE 4434982 A1 19960404

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