

Publication

**EP 0829620 A3 19980408**

Application

**EP 97114533 A 19970822**

Priority

DE 19637416 A 19960913

Abstract (en)

[origin: EP0829620A2] Adjustment cams (3,3',4) are axially positioned between the face sides (6) of axially extending bearing bushes (8) provided separately on the camshaft (1) and in recesses (7) of divided bearing supports (5). The bearing bushes are made of a material with the same or similar heat expansion value as that of the machine-side bearing arrangements (5). The camshaft for angle adjustment of the cams is axially displaceably arranged by using an adjuster (9) in the bearing bushes (8). A bearing bush (8) in an end bearing arrangement forms a track bearing (10), which on the one hand is non-rotatably connected with a drive flange (11) of a camshaft rotary drive (13) and on the other hand via a profile with the camshaft (1).

IPC 1-7

**F01L 1/344**

IPC 8 full level

**F01L 1/344** (2006.01)

CPC (source: EP)

**F01L 1/34413** (2013.01)

Citation (search report)

- [X] FR 2644543 A1 19900921 - RENAULT [FR]
- [A] DE 4416505 A1 19951116 - BAYERISCHE MOTOREN WERKE AG [DE]
- [DA] PATENT ABSTRACTS OF JAPAN vol. 009, no. 042 (M - 359) 22 February 1985 (1985-02-22)

Cited by

EP1118762A3; WO9961181A1; EP1118762A2; US6439180B2

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