

Title (en)

METHOD AND DEVICE FOR GRINDING ASSEMBLED CAMSHAFTS WITH A HIGH CONCENTRICITY ACCURACY

Title (de)

VERFAHREN UND VORRICHTUNG ZUM SCHLEIFEN VON GEBAUTEN NOCKENWELLEN MIT HOHEN RUNDLAUFGENAUIGKEITEN

Title (fr)

PROCEDE ET DISPOSITIF DE RECTIFICATION D'ARBRES A CAMES ASSEMBLES, A HAUTE PRECISION DE CONCENTRICITE

Publication

**EP 1732731 B1 20071107 (DE)**

Application

**EP 05701216 A 20050127**

Priority

- EP 2005000806 W 20050127
- DE 102004013192 A 20040317

Abstract (en)

[origin: DE102004013192B3] The method involves having a cam shaft consisting of a steel tube. The cam directs the tube toward a grinding machine, with which after a sharpening procedure directs the cam shaft toward the same grinding machine. The cam shaft is arranged after a bearing finishing of the bearings and or a rough grind of the cams and or a bearing finishing of the cams is accomplished. The bearing of the cam shaft is finished on a first station of the grinding machine and the rough grind and the finishing bearings of the cams of the cam shaft take place on a second station. An independent claim is included for a device for sharpening bearings and cam of a built cam shaft.

IPC 8 full level

**B24B 19/12** (2006.01); **B24B 49/04** (2006.01)

CPC (source: EP US)

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**DE 102004013192 B3 20050825**; DE 502005001895 D1 20071220; EP 1732731 A1 20061220; EP 1732731 B1 20071107; ES 2297661 T3 20080501; US 2007178808 A1 20070802; WO 2005097407 A1 20051020

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