

Title (en)

Method for producing a cylinder head

Title (de)

Herstellungsverfahren eines Zylinderkopfes

Title (fr)

Méthode de production d'une culasse

Publication

**EP 0740054 B1 20030312 (EN)**

Application

**EP 96106651 A 19960426**

Priority

- JP 10199895 A 19950426
- JP 10200495 A 19950426
- JP 10201695 A 19950426
- JP 10972795 A 19950508

Abstract (en)

[origin: EP0740054A2] A method is provided for producing a cylinder head unit (11) of an internal combustion engine, comprising steps of casting a cylinder head unit (11) having valve openings (13a,14a), providing said valve openings (13a,14a) with valve seats by fastening valve seat blanks and applying a finishing treatment to said valve openings (13a,14a) and said valve seats (19). Further, during casting of the cylinder head (11) manufacturing reference surfaces are formed thereon and the position for said valve seat blanks on said valve openings is determined on the basis of indexing on said manufacturing reference surfaces. Then said valve seat blanks are metallurgically bonded to said valve openings. <IMAGE>

IPC 1-7

**F01L 3/22**; **F02F 1/24**

IPC 8 full level

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CPC (source: EP)

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Citation (examination)

- JP H05332106 A 19931214 - NISSAN MOTOR
- US 3935679 A 19760203 - PETER BRUNO E, et al

Cited by

CN111271185A; EP2481519A1; US6259054B1; WO9828523A1

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