

Title (en)

Method of bonding a valve seat

Title (de)

Verbindungsverfahren eines Ventilsitzes

Title (fr)

Méthode de fixations d'un siège de soupape

Publication

EP 0740055 B1 20020130 (EN)

Application

EP 96106675 A 19960426

Priority

- JP 10199895 A 19950426
- JP 10200495 A 19950426

Abstract (en)

[origin: EP0740055A2] A method for producing a valve seat (19) within a cylinder head unit (11) provided with valve openings (13a,14a) associated with respective valve guide holes (11a) for receiving valve guides (15,16) for associated intake or exhaust valves (17,18) opening and closing said valve openings (13a,14a), respectively, comprises the steps of: (a) placing a valve seat base material onto a surface of said openings of said cylinder head unit, (b) pushing an electrode against the end face of said valve seat base material opposite to said cylinder head unit (11) with a pushing direction matched with an axis (C) of said intake or exhaust valve (17,18), whereby said electrode being adapted to apply electricity to said cylinder head unit (11) through said valve seat base material, and (c) applying a finishing treatment to said bonded pieces to receive the desired valve seat (19). <IMAGE>

IPC 1-7

F01L 3/22

IPC 8 full level

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CPC (source: EP)

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Cited by

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