

Title (en)

Honing machine with expansible tool.

Title (de)

Honmaschine mit ausdehnbarem Werkzeug.

Title (fr)

Machine de rodage par expansion.

Publication

EP 0554629 A1 19930811 (FR)

Application

EP 92400309 A 19920207

Priority

FR 9010261 A 19900810

Abstract (en)

Machine for honing bores using expansion, the spindle (1) of which, which carries an expanding honing tool (4) is mounted so that it can move rotationally, and in axial translation in a spindle-carrying head (6) including guide means (10, 11) for mounting it on a fixed supporting structure (12) so that it can move in axial translation, the rotation control means (2), the stroke control means (3) for the spindle and possibly the expansion control means (9) being mounted on the said spindle-carrying head (6). <IMAGE>

Abstract (fr)

Machine de rodage par expansion d'alésages dont la broche (1) portant un outil de rodage à expansion (4) est montée mobile en rotation et en translation axiale dans une tête porte-broche (6) comportant des moyens de guidage (10, 11) pour son montage mobile en translation axiale sur un bâti fixe (12), les moyens de commande de rotation (2) les moyens de commande de battement (3) de la broche et éventuellement les moyens de commande d'expansion (9) étant montés sur ladite tête porte-broche (6). <IMAGE>

IPC 1-7

B24B 33/02

IPC 8 full level

B24B 33/02 (2006.01); **B24B 33/10** (2006.01)

CPC (source: EP)

B24B 33/02 (2013.01); **B24B 33/105** (2013.01)

Citation (search report)

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- [A] DE 578133 C 19330610 - KELLENBERGER & CO L
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- [X] PATENT ABSTRACTS OF JAPAN vol. 11, no. 157 (M-590)(2604), 21 mai 1987; & JP - A - 61288971 (TOYO K.K.) 19.12.1986

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FR 2665659 A1 19920214; **FR 2665659 B1 19950519**; DE 69228175 D1 19990225; DE 69228175 T2 19990916; EP 0554629 A1 19930811; EP 0554629 B1 19990113; ES 2125252 T3 19990301

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