

Title (en)

Method and apparatus for automatically changing of honing tools

Title (de)

Vorrichtung und Verfahren zum automatisierten Wechseln von Honwerkzeugen

Title (fr)

Procédé et dispositif pour le changement automatique d'outils de rodage

Publication

EP 1616665 A1 20060118 (DE)

Application

EP 05012302 A 20050608

Priority

DE 102004031922 A 20040623

Abstract (en)

The honing rod (2) takes operational forces from a honing spindle (7) and with its control device moves relative to the honing rod to control the tool functions. The coupling structures (32,33) on the honing tool (3) undo the coupling on the honing tool. The coupling device has a movable locking piece (28) to undo the bolt on the honing tool from the honing rod. Operation of the locking piece as well as fastening the honing tool into its changed position by applying force on the coupling device is effected by means of a holding device (23).

IPC 8 full level

B24B 45/00 (2006.01); **B24B 33/08** (2006.01)

CPC (source: EP)

B24B 33/08 (2013.01); **B24B 45/003** (2013.01)

Citation (search report)

- [X] WO 0139926 A1 20010607 - KADIA PRODUKTION GMBH & CO [DE], et al
- [A] DE 8526357 U1 19870115

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