

Title (en)

Method and apparatus for honing bore holes.

Title (de)

Verfahren zum Honen von Bohrungen sowie Honmaschine hierfür

Title (fr)

Méthode et appareil pour rectifier des trous d'alésage.

Publication

EP 1815944 B1 20100714 (DE)

Application

EP 07002277 A 20070202

Priority

- EP 06002093 A 20060202
- EP 07002277 A 20070202

Abstract (en)

[origin: EP1815944A1] The method involves generating oscillatory movement of the cutting assembly parallel to the inner surface, which are proportional to oscillation parameter, so that portion of material removal raised through cutting assembly results from the oscillatory movement of the cutting assembly. The oscillatory movement for the generation of a material removal at the inner surface is controlled for the production of a pre determined design form of the drilling. An independent claim is also included for the honing machine.

IPC 8 full level

B24B 33/02 (2006.01); **B24B 33/06** (2006.01)

CPC (source: EP)

B24B 33/02 (2013.01); **B24B 33/06** (2013.01); **F02F 1/18** (2013.01)

Cited by

WO2012041264A1; US2017314502A1; CN112983670A; CN114833712A; CN110944796A; EP3239509A1; AU2017202746B2; DE102012201342A1; DE102016013452A1; DE102010022377A1; WO2012025072A2; US10675730B2; WO2020011541A1; WO2018234114A1; WO2014146919A1; WO2019052724A1; WO2016131736A1; EP3681673B1

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