

Title (en)

Method and apparatus for grinding an internal thread.

Title (de)

Verfahren und Vorrichtung zum Schleifen eines Innengewindes.

Title (fr)

Procédé et dispositif pour meuler un filetage intérieur.

Publication

EP 0432579 B1 19941005 (DE)

Application

EP 90122786 A 19901207

Priority

DE 3941439 A 19891215

Abstract (en)

[origin: EP0432579A1] In order to be able to adapt the profile of the grinding wheel to the optimum grinding slope angle using a universal dressing roll, the grinding arbour (1) with the grinding wheel (2) is mounted on a pivoting device which can be controlled via a computer program which determines the optimum grinding slope angle and the associated profile of the grinding wheel. The shaping of the profile of the grinding wheel is effected by a movement of the grinding wheel within the machine axes X and Z past the universal dressing roll which remains in the horizontal plane.
<IMAGE>

IPC 1-7

B24B 53/06; **B24B 53/085**

IPC 8 full level

B24B 5/06 (2006.01); **B24B 5/40** (2006.01); **B24B 53/06** (2006.01); **B24B 53/085** (2006.01)

CPC (source: EP)

B24B 53/062 (2013.01); **B24B 53/085** (2013.01)

Cited by

CN114769748A; US8882564B2; WO2010025942A3

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CH DE ES FR GB IT LI SE

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EP 0432579 A1 19910619; **EP 0432579 B1 19941005**; DE 3941439 A1 19910620; DE 59007388 D1 19941110; ES 2063883 T3 19950116; JP H04183565 A 19920630

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EP 90122786 A 19901207; DE 3941439 A 19891215; DE 59007388 T 19901207; ES 90122786 T 19901207; JP 33089590 A 19901130