

Title (en)

GRINDING HEAD FOR A MACHINE FOR SHARPENING HELICALLY-FLUGRINDING HEAD FOR A MACHINE FOR SHARPENING HELICALLY-FLUTED CUTTING TOOLS TED CUTTING TOOLS

Publication

EP 0220375 A3 19881214 (DE)

Application

EP 86108703 A 19860626

Priority

DE 3538795 A 19851031

Abstract (en)

[origin: US4817338A] A grinding head for a tool grinding machine is used for grinding helically grooved cutting tools. The grinding head includes a rotatable spindle supported by adjustable carriages or slides so that it can be reciprocated along one axis and pivoted about another axis perpendicular to the one axis. Further, it can be pivoted about a third axis disposed perpendicularly to the another axis. The adjustable carriages are supported on a carrier of a grinding head column so that the grinding head can be displaced about a pivot point for adjusting the head to the diameter of the tool being grooved and for adjusting the rake angle about the pivot point.

IPC 1-7

B24B 3/04; **B24B 3/02**

IPC 8 full level

B24B 3/02 (2006.01)

CPC (source: EP US)

B24B 3/021 (2013.01 - EP US)

Citation (search report)

- [AD] DE 920050 C 19550307 - WALTER RICHARD R WALTER FA
- [A] DE 2828168 A1 19790111 - HUFFMAN S E CORP

Cited by

EP0328034A3

Designated contracting state (EPC)

AT CH DE FR GB IT LI SE

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EP 0220375 A2 19870506; **EP 0220375 A3 19881214**; DE 3538795 A1 19870507; JP S6362648 A 19880318; US 4817338 A 19890404

DOCDB simple family (application)

EP 86108703 A 19860626; DE 3538795 A 19851031; JP 20502086 A 19860829; US 91740386 A 19861010