

Title (en)

Centerless grinder with measuring device

Title (de)

Spitzenlose Schleifmaschine mit einer Messvorrichtung

Title (fr)

Machine à rectifier sans centre avec dispositif de mesure

Publication

EP 1197294 A1 20020417 (EN)

Application

EP 01308679 A 20011011

Priority

GB 0024933 A 20001011

Abstract (en)

A rotary machine tool having a carriage (20) movable in X,Y directions has a drop down micrometer (30) for measuring diameter of a workpart (11). The fixed jaw (33) of the micrometer (30) is driven against the workpart (11) by movement of the carriage (20). Carriage movement is suspended on relative movement of the micrometer (30) following which the movable jaw (34) is driven against the workpart to gauge diameter thereof. The invention provides a compact means of diameter measurement on the grinding axis, and which can also be used to measure taper of a workpart.

IPC 1-7

B24B 49/04; **B24B 5/18**

IPC 8 full level

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CPC (source: EP)

B24B 5/18 (2013.01); **B24B 49/04** (2013.01); **B24B 49/10** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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