

Title (en)

CYLINDRICAL GRINDING MACHINE FOR EXTERNAL AND INTERNAL GRINDING WITH A NUMERICAL CONTROL DEVICE

Publication

EP 0123956 A3 19860910 (DE)

Application

EP 84103729 A 19840404

Priority

BG 6045283 A 19830405

Abstract (en)

[origin: EP0123956A2] 1. Numerically controlled cylindrical grinding machine for external and internal grinding, having a machine base body (1) with longitudinal guides ; a work piece mounting support with a work piece spindle stock (8) on a first longitudinal slide (2) which is guided by the longitudinal guides ; having an external grinding device with an external grinding carriage (29) ; and having an internal grinding device with a cross slide (14) and a second longitudinal slide (3), characterised in that the second longitudinal slide (3) is arranged on the longitudinal guides of the machine base body (1), the internal grinding cross slide (14) being provided on the second longitudinal slide (3) ; in that a rotatable plate (5) is located between the first longitudinal slide (2) and the work piece spindle stock (8) ; and in that the external grinding carriage (29) has a device (32) for axially positioning the processed work piece (11).

IPC 1-7

B24B 5/12; **B24B 5/01**

IPC 8 full level

B24B 5/01 (2006.01); **B24B 5/12** (2006.01); **B24B 5/14** (2006.01)

CPC (source: EP)

B24B 5/01 (2013.01); **B24B 5/12** (2013.01); **B24B 5/14** (2013.01)

Citation (search report)

- [YD] DD 84808 A
- [Y] CH 452384 A 19680531 - GENEVOISE INSTR PHYSIQUE [CH]
- [Y] DE 704586 C 19410402 - HEALD MASCHINE COMPANY
- [A] DE 485404 C 19291031 - WOTAN WERKE AKT GES
- [A] GB 1107214 A 19680327 - ULVSUNDA VERKST ER AKTIEBOLAG
- [A] DE 3151883 A1 19820916 - DRESDEN FEINMESS [DD]
- [A] US 2442683 A 19480601 - GREEN GLENN M

Cited by

CN111745512A; CN102085624A; US9895780B2; CN103481137A; GB2206826A; CH685544A5; FR2561561A1; EP0257194A3; DE3628977A1; EP0640435A1; CH689350A5; CN112894500A; CN110253368A; DE102012202548B4; DE102021126942A1

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0123956 A2 19841107; **EP 0123956 A3 19860910**; **EP 0123956 B1 19880810**; BG 37414 A1 19850614; CS 224384 A1 19861218; CS 256921 B1 19880415; DD 247573 A7 19870715; DE 3473241 D1 19880915; HU 192402 B 19870629; HU T34134 A 19850228; SU 1416294 A1 19880815

DOCDB simple family (application)

EP 84103729 A 19840404; BG 6045283 A 19830405; CS 224384 A 19840328; DD 26163784 A 19840404; DE 3473241 T 19840404; HU 133884 A 19840405; SU 7773364 A 19840404