

Title (en)

WORKBENCH, ESPECIALLY A TEACHING AID IN THE FORM OF AN ERGONOMICALLY DESIGNED MULTI-PURPOSE WORKBENCH

Title (de)

WERKBANK, INSEBESONDERE ALS LEHRMITTEL IN DER FORM EINER ERGONOMISCH GESTALTETEN MEHRZWECK-WERKBANK

Title (fr)

ETABLI UTILISE NOTAMMENT A DES FINS PEDAGOGIQUES ET SE PRESENTANT SOUS FORME D'ETABLI ERGONOMIQUE A USAGES MULTIPLES

Publication

EP 0693019 A1 19960124 (DE)

Application

EP 94911101 A 19940331

Priority

- DE 9400377 W 19940331
- DE 4311965 A 19930410

Abstract (en)

[origin: US5709256A] PCT No. PCT/DE94/00377 Sec. 371 Date Oct. 10, 1995 Sec. 102(e) Date Oct. 10, 1995 PCT Filed Mar. 31, 1994 PCT Pub. No. WO94/23908 PCT Pub. Date Oct. 27, 1994A workbench which is to be used especially as a teaching aid in the form of an ergonomically designed multi-purpose workbench for use in handicraft training is to have vice work stations which can easily be converted for left or right-handed people. In particular, it is to be possible for work stations for left and right-handers easily to be arranged on one and the same workbench. This is achieved by a vice which can be clamped to the worktop of the workbench via a spindle fitted centrally on the vice. The centric spindle arrangement makes it easy to convert the vices for right and left-handed operations via spindle supports arranged on both sides on the corner of the workbench or work station. The vices are turned simply by rotation through 180 DEG . In addition, suitably distributed apertures to take bench clamps for the vices facilitate zero or low-torque three-point clamping of workpieces. Auxiliary tools can easily be fitted and secured on the workbench.

IPC 1-7

B25H 1/08

IPC 8 full level

B25H 1/08 (2006.01); **B25H 1/10** (2006.01)

CPC (source: EP US)

B25H 1/08 (2013.01 - EP US); **B25H 1/10** (2013.01 - EP US); **Y10S 269/90** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

US 5709256 A 19980120; AT E144737 T1 19961115; CA 2160254 A1 19941027; CA 2160254 C 19980922; DE 4311965 A1 19941013; DE 59400953 D1 19961205; DK 0693019 T3 19970414; EP 0693019 A1 19960124; EP 0693019 B1 19961030; JP H08511475 A 19961203; WO 9423908 A1 19941027

DOCDB simple family (application)

US 53527495 A 19951010; AT 94911101 T 19940331; CA 2160254 A 19940331; DE 4311965 A 19930410; DE 59400953 T 19940331; DE 9400377 W 19940331; DK 94911101 T 19940331; EP 94911101 A 19940331; JP 52260994 A 19940331