

Title (en)
FACILITY FOR MACHINING WORKPIECES AND METHOD FOR SAME

Title (de)
ANLAGE ZUR BEARBEITUNG VON WERKSTÜCKEN UND VERFAHREN DAFÜR

Title (fr)
INSTALLATION POUR USINER DES PIÈCES ET PROCÉDÉ CORRESPONDANT

Publication
EP 4132756 A1 20230215 (DE)

Application
EP 21719045 A 20210408

Priority
• DE 102020002322 A 20200409
• EP 2021000040 W 20210408

Abstract (en)
[origin: WO2021204416A1] The facility has a first tensioning device (5), which has a clamping device (5', 5'') and which is movable in the x-direction from a loading region into a machining region, and vice versa. The workpiece (1) fixed in the first tensioning device (5) is transferred to a second tensioning device (10), which is provided with at least one clamping device (12, 14). The second tensioning device (10) has at least one stop (18), which is movable in the y-direction, and the first tensioning device (5) has at least one counter-stop (15), which is movable in the y-direction, for the workpiece (1). The workpiece (1) is received and clamped in the loading region in the first tensioning device (5), without being accurately positioned. The workpiece (1) with the first tensioning device (5) and also the second tensioning device (10) are moved into a position opposite one another, the lower clamping jaws (5'', 14) or contact faces of the two tensioning devices (5, 10) being precisely oriented relative to one another in the height direction. The workpiece (1) is completely released by the first tensioning device (5) and is oriented or positioned by means of the stops (15, 18) arranged horizontally opposite one another. The workpiece (1) is then clamped in one of the two tensioning devices (5, 10) and machined.

IPC 8 full level
B27M 1/08 (2006.01); **B25B 5/00** (2006.01)

CPC (source: EP)
B25B 5/003 (2013.01); **B27M 1/08** (2013.01)

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KH MA MD TN

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