

Title (en)

HIGH CAPACITY TOOL CRIB FOR A MACHINE TOOL FOR THE PROCESSING OF PRINTED CIRCUIT BOARDS

Title (de)

WERKZEUGMAGAZIN MIT HOHER KAPAZITÄT FÜR EINE WERKZEUGMASCHINE ZUR BEARBEITUNG VON LEITERPLATTEN

Title (fr)

MAGASIN A OUTILS DE GRANDE CAPACITE POUR MACHINE-OUTIL DE TRAITEMENT DE CARTES DE CIRCUIT IMPRIME

Publication

**EP 1370390 A1 20031217 (EN)**

Application

**EP 02717058 A 20020313**

Priority

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Abstract (en)

[origin: WO02072309A1] The tool crib (19) is carried by a fixed plate (20) and includes a series of linear cassettes (21), each fitted with a row of tools (14). The linear cassettes (21) are carried by a cogged belt (32) movable on a closed trajectory (31). The belt (32) is made of flexible material and engages at least two belt pulleys (33, 34), each cassette (21) being housed in a corresponding cassette holder member (37), so that the row of tools (14) is at right angles to the closed trajectory. The cassette holder members (37) are guided by two fixed guides (48). At a tool (14) change station (58), the fixed plate (20) is fitted with a notch (55). Two locking arrangements (59) are able to operate two jaws (61) to lock the sticks (21) in the tool (14) change position. The tool (14) change that is carried out by pincers (62) movable vertically and transversely.

IPC 1-7

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