

Title (en)

ROBOT-CONTROLLED SHAPING TOOL AND SHAPING PROCESS

Title (de)

ROBOTERGEFÜHRTES UMFORMWERKZEUG UND UMFORMVERFAHREN

Title (fr)

OUTIL DE FORMAGE GUIDÉ PAR ROBOT ET PROCÉDÉ DE FORMAGE

Publication

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Application

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Abstract (en)

[origin: WO2013149894A1] The invention relates to a robot-controlled shaping tool (2) and to a process for shaping, particularly for seaming workpieces (5). The shaping tool (2) has a robot terminal (9) and a frame (7) with a pressing element (10) guided adjustably on said frame. The shaping tool (2) further has a detection device (14) for the pressing force F and an adjusting device (15), subject to open-loop or closed-loop control by the detection device (14), for adjusting the pressing element (10). The adjusting device is designed to compensate for variable robot elasticities.

IPC 8 full level

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