

Title (en)
TOOL GRIPPER OF A TRANSPORT CRANE FOR PRESSING TOOLS

Title (de)
WERKZEUGGREIFZANGE EINES TRANSPORT-KRANS FÜR PRESSWERKZEUGE

Title (fr)
PINCE DE PRÉHENSION D'OUTIL D'UNE GRUE DE TRANSPORT POUR OUTILS DE PRESSE

Publication
EP 3566999 B1 20240710 (DE)

Application
EP 19000187 A 20190416

Priority
DE 102018003640 A 20180504

Abstract (en)
[origin: CN110435206A] The invention relates to a tool clamp of a transport crane for a pressing tool. The pressing tool can be fixed fixedly relative to the position of the tool clamp at the position of the tool clamp, the pressing tool can be placed on a sliding table of the press machine by means of the tool clamp and can be received by the sliding table, and a placing position and a receiving position of the tool clamp relative to the sliding table are stored in a control device of the transport crane. A centering joint is formed on the pressing tool, and the centering joint and the centering joint formed on the sliding table ensure the final positioning of the pressing tool on the space defined by the receiving surface of the sliding table. A sensor device is fixedly arranged on the tool clamp relative to the position of the tool clamp of the transport crane. The invention relates to a sensor device for a press, which acts together with a sensor element on a sliding table of the press, by means of which a determination can be made as to whether or not the tool holder is in centering engagement with a centering joint on the side of the sliding table when the pressing tool is lowered to a receiving surface of the sliding table of the press.

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