Title (en)

RESETTING DEVICE FOR A RIVETING TOOL MACHINE OR A RIVETTING ATTACHMENT DEVICE, RIVETING TOOL MACHINE COMPRISING THE RESETTING DEVICE, AND RIVETING ATTACHMENT DEVICE COMPRISING THE RESETTING DEVICE

Title (de)

RÜCKSTELLVORRICHTUNG FÜR EINE NIETWERKZEUGMASCHINE ODER EINE NIETAUFSATZVORRICHTUNG, NIETWERKZEUGMASCHINE MIT DER RÜCKSTELLVORRICHTUNG UND NIETAUFSATZVORRICHTUNG MIT DER RÜCKSTELLVORRICHTUNG

Title (fr)

DISPOSITIF DE REPOSITIONNEMENT POUR UNE MACHINE-OUTIL DE RIVETAGE OU UN DISPOSITIF DE FIXATION PAR RIVETAGE, MACHINE-OUTIL DE RIVETAGE COMPRENANT LE DISPOSITIF DE REPOSITIONNEMENT, ET DISPOSITIF DE FIXATION PAR RIVETAGE COMPRENANT LE DISPOSITIF DE REPOSITIONNEMENT

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Abstract (en)

[origin: WO2022135989A1] The invention relates to a resetting device for a riveting tool machine (134g) or a riveting attachment device (10a; 10b; 10c; 10d; 10e; 10f), comprising at least one removing unit (16a; 16b; 16c; 16d; 16e; 16f) for removing a rivet pin (26a; 26b; 26c; 26d; 26e; 26f), said removing unit (16a; 16b; 16c; 16d; 16e; 16f) comprising at least one removing element (46a; 46b; 46c; 46d; 46e; 46f) for engaging on the rivet pin (26a; 26b; 26c; 26d; 26e; 26f) in a form-fitting and/or force-fitting manner, wherein the removing unit (16a; 16b; 16c; 16d; 16e; 16f) comprises at least one force transmission element (62a; 62b; 62c; 62d; 62e; 62f, 162f) which is designed to transmit a drive force for removing the rivet pin (26a; 26b; 26c; 26d; 26e; 26f) from a drive element (66a; 66b; 66c; 66d; 66e; 66f) of the riveting tool machine (134g) or the riveting attachment device (10a; 10b; 10c; 10d; 10e; 10f) to the at least one removing element (46a; 46b; 46c; 46d; 46e; 46f); and at least one resetting unit (18a; 18b; 18c; 18d; 18e; 18f) which is designed to reset the at least one removing element (46a; 46b; 46c; 46d; 46e; 46f) and the at least one force transmission element (62a; 62b; 62c; 62d; 62e; 62f, 162f) to a starting position at least substantially automatically after the rivet pin (26a; 26b; 26c; 26d; 26e; 26f) is removed in order to carry out an additional riveting process. According to the invention, the resetting unit (18a; 18b; 18c; 18d; 18e; 18f) is designed to separate the at least one force transmission element (62a; 62b; 62c; 62d; 62e; 62f, 162f) from the drive element (66a; 66b; 66c; 66d; 66e; 66f) at least temporarily, in particular during a movement into the starting position(s), in order to reset the at least one removing element (46a; 46b; 46c; 46d; 46e; 46f) and the at least one force transmission element (62a; 62b; 62c; 62d; 62e; 62f, 162f) to the starting position(s).

IPC 8 full level

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