

Title (en)

METHOD AND SYSTEM FOR CALIBRATING THE TONG PRESSING FORCE OF AN AUTOMATICALLY ACTUATABLE PAIR OF MANUFACTURING TONGS

Title (de)

VERFAHREN UND SYSTEM ZUM KALIBRIEREN DER ZANGENPRESSKRAFT EINER AUTOMATISCH ANSTEUERBAREN FERTIGUNGSZANGE

Title (fr)

PROCÉDÉ D'ÉTALONNAGE DE LA FORCE DE PRESSION D'UNE PINCE DE FABRICATION À COMMANDE AUTOMATIQUE

Publication

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Application

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Abstract (en)

[origin: WO2016096469A1] The invention relates to a method for calibrating the tong pressing force of an automatically actuatable pair of manufacturing tongs (11), in reverse mode, said tongs comprising two tong halves (14, 16) which are mounted to be adjustable relative to one another and each have a tong tip (13a, 13b), in order to generate a tong pressing force, and said tongs comprising a drive (20) designed to move at least one of the tong halves (14, 16) so as to build a tong pressing force between the two tong tips (13a, 13b), the drive (20) being able to be driven automatically in a position-controlled manner such that a target tong pressing force is actuated by automatically setting a target drive position, associated with said target tong pressing force, for said drive (20) by means of a closing movement of the tong halves (14, 16). The invention also relates to an associated method for automatically actuating a pair of manufacturing tongs (11) in reverse mode, and to a system of a pair of welding tongs, clinching tongs, crimping tongs and/or a gripping tool with a control device (10).

IPC 8 full level

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