

Title (en)

Method for adapting the travel measuring units of hydraulic presses for composites, for pressing tools of varying weight and device for applying the method

Title (de)

Verfahren zur Anpassung der Wegmessenheiten hydraulischer Kunststoffpressen an unterschiedlich hoch ausgebildete Presswerkzeuge und zur Durchführung des Verfahrens geeignete Vorrichtung

Title (fr)

Procédé pour adapter les dispositifs de mesure de déplacement de presses hydrauliques pour composites, à utiliser de différentes hauteurs, et dispositif pour la mise en oeuvre du procédé

Publication

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Application

EP 91121313 A 19911212

Priority

DE 4041654 A 19901222

Abstract (en)

[origin: EP0492300A2] The invention relates to the adapting of travel measuring units to the compression moulds of hydraulic moulding presses, the press ram of which is aligned parallel to a reference plane by support on counterholding cylinder units. The travel pick-ups of the travel measuring units - held in contact with a projection which can be secured in various positions with respect to the press ram - are in this case moved along with the press ram, at least during a time period which begins shortly before the closing of the compression mould and ends shortly after its opening. The invention proposes a procedure and a design which allow first of all the travel pick-ups, designed as measuring rods (11), to be brought into a set end position (stop face 29a) with the compression mould (7, 8) closed and subsequently to adapt and fix the position of the projections, designed as actuating rods (13), with respect to the press ram (11). The moving and actuating operations required for this are executed by means of remote-controllable constructional elements (detaining elements 16, detaining drives 24), so that the adapting of the travel measuring units (26, 27) to differently designed compression moulds can be automated. <IMAGE>

IPC 1-7

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IPC 8 full level

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