

Title (en)

METHOD AND DEVICE FOR OVER-MOULDING AND MOUNTING COMPONENTS WITH IDENTICAL SHAPE BUT IRREGULAR DIMENSIONS

Title (de)

VERFAHREN UND GERÄT ZUM UMSPRITZEN UND MONTIEREN VON KOMPONENTEN MIT IDENTISCHER FORM UND UNREGELMÄSSIGEN ABMESSUNGEN

Title (fr)

PROCEDE ET DISPOSITIF DE SURMOULAGE ET DE MONTAGE DE PIECES DE FORME IDENTIQUE MAIS DE DIMENSIONS IRRÉGULIÈRES

Publication

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Application

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Abstract (en)

[origin: FR2776560A1] The invention concerns a method for over-moulding and mounting components (1) with identical shape but irregular dimensions using a machine comprising various mobile sliding cores (12) urged to enclose successively each component (1) and ensuring continuous tightness around the outer surface (5) thereof and which is to be over-moulded; the material which is to constitute the over-moulding is injected (16) under pressure into the space produced between the cavities of said sliding cores (12) and the surfaces (5) to be over-moulded. The invention is characterised in that it consists in: always injecting the same amount of material; absorbing any surplus volume of injected material (16) relative to the amount required to produce said over-moulding (3) external shape, and resulting from volume variations in said space (17) caused by the irregular dimensions of said components (1) by means of a variable volume (24) located in at least one of said sliding cores (12) and limited by the walls located inside the external volume of the desired and suitable over-moulding (3) shape.

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