

Title (en)

AUTOMATIC MACHINE FOR FABRICATING ARTICULATED FORMS FOR SHOE MANUFACTURING, STARTING FROM ROUGH-SHAPED MOLDED PIECES

Title (de)

AUTOMATISCHE HERSTELLMASCHINE, INSBESONDERE ZUR HERSTELLUNG VON GELENKIG VERBUNDENEN ELEMENTEN AUSGEHEND VON GROB GEBILDETEN GEGENSTÄNDEN

Title (fr)

MACHINE AUTOMATIQUE DE FABRICATION DE FORMES ARTICULEES POUR LA FABRICATION DE CHAUSSURES, A PARTIR DE PIECES MOULEES GROSSIEREMENT MISES EN FORME

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9517110A1] Articulated forms for shoe manufacturing, starting from rough-shaped forms are obtained by a continuous, highly automated process, by employing an automatic machine with a rotating table equipped with four identical anchoring and handling groups of the forms to be processed, disposed on four orthogonal sides of the table. Each group has a first saddle body (3) and a second body (4) which is mounted on a swinging arm (5). The groups cross in succession four work stations (A, B, C, D). A coordinated action of the two blocks (3, 4) and of the respective blocking means (9, 10, 7, 8), permits rotation of the form about its longitudinal axis, the performance of one or several cuts (20, 21) for defining a certain configuration of the separation surfaces of the form in two parts, each of which is alignedly retained by pins of a clamp. A realignment of the two parts while inserting and blocking the ends of a hinging insert (25) completes the assembly of the articulated form. An inventory of interchangeable clamps (7, 8) permits to equip the machine for realizing different types of articulation.

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