

Title (en)
ELECTRIC PRESS WITH TORQUE MOTOR

Title (de)
ELEKTRISCHE PRESSE MIT TORQUEMOTOR

Title (fr)
PRESSE ELECTRIQUE A MOTEUR TORQUE

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Application
EP 19707031 A 20190304

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Abstract (en)
[origin: WO2019170571A1] The present invention concerns an electromechanical press (1) comprising: - a worktable (5) defining a horizontal upper work plane P1 on which one or more samples to be formed can be arranged, and - a device (3) for forming components, comprising a forming tool (35) arranged to move in translation in a vertical plane P2 perpendicular to and intersecting the work plane P1 of the table, and - an electromechanical device (4) for actuating the forming device (3), supported on a frame (2) that is fixed in position relative to the work plane P1, the electromechanical actuating device (4) being arranged in kinematic connection with the forming device (3). According to the invention, the electromechanical actuating device (4) comprises at least one electric torque motor (41) with eccentric axis (43d, 43g), arranged in kinematic connection with the forming device (3), the electromechanical actuating device (4) being supported on the frame (2) in a position intersecting the plane P2 of movement of the forming device and situated between a base (23) of the frame on the ground and the work table (5) under the work plane P1, whereas, in all positions, the forming tool (35) is held in or above the work plane P1 of the work table (5), the work table being rigidly attached to the frame (2).

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• DE 102011113624 B4 20150730 - FRAUNHOFER GES FORSCHUNG [DE]
• EP 2258498 B1 20121226 - FEINTOOL IP AG [CH]

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