

Title (en)

ELECTROHYDRAULIC FORMING DEVICE COMPRISING AN OPTIMISED CHAMBER

Title (de)

ELEKTROHYDRAULISCHE FORMVORRICHTUNG MIT OPTIMIERTER KAMMER

Title (fr)

DISPOSITIF D'ÉLECTRO-HYDROFORMAGE AVEC CHAMBRE OPTIMISÉE

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Application

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Abstract (en)

[origin: WO2016107884A1] The invention relates to an electrohydraulic forming device (2) comprising a mould (4), a tank (6) having a first wall (8), and a first electrode (10) and a second electrode (12), both placed in the tank (6) and adapted to generate an electric discharge in order to create at least one pressure wave. According to the invention, the first wall (8) has a surface of revolution about a rotation axis, the rotation axes of the electrodes (10, 12) merging with the rotation axis of the first wall, and the first wall (8) includes a concavity oriented towards the mould (4).

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