

Title (en)
HYBRID FORMING METHOD AND CORRESPONDING FORMING DEVICE

Title (de)
HYBRIDES FORMVERFAHREN UND ENTSPRECHENDE FORMVORRICHTUNG

Title (fr)
PROCÉDÉ DE FORMAGE HYBRIDE ET DISPOSITIF DE FORMAGE CORRESPONDANT

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Application
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Abstract (en)
[origin: WO2020165538A1] Disclosed is a method for hybrid forming of a material blank, in which: - the material blank (2) to be deformed is placed between a die (6) and a blank holder (4); - the material blank (2) is deformed by stamping using at least one punch (26, 32) in order to obtain a pre-stamped material blank (2); - a cavity, in which both the at least one punch (26, 32) having pre-stamped the material blank (2) as well as at least one pair of electrodes (36) are located, is filled with liquid, - the pre-stamped material blank (2) is placed in contact with the liquid of the cavity, and - at least one electrical discharge is generated between at least one pair of electrodes (36) in such a way as to deform the material blank (2) against the die (6). [Fig. 1]

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