

Title (en)  
METHOD AND MOULD ARRANGEMENT FOR EXPLOSION FORMING

Title (de)  
VERFAHREN UND WERKZEUGANORDNUNG ZUM EXPLOSIONSUMFORMEN

Title (fr)  
PROCÉDÉ ET AGENCEMENT D'OUTILS POUR FORMAGE PAR EXPLOSION

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Application  
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Abstract (en)  
[origin: CA2680322A1] The invention is intended to improve a mould arrangement (1) and a method for the explosion forming of a workpiece (12) by means of gas explosion, in which the workpiece is arranged in a receiving space (15) of a forming mould (2), the receiving space being filled at least partially with liquid (26) and the explosion being triggered by igniting an explosive gas mixture (23), to the extent that the mould arrangement and the method are simplified and suitable for mass production. This object is achieved by a mould arrangement and a method for the explosion forming of a workpiece by means of gas explosion in which the workpiece is arranged in a receiving space of a forming mould (2), wherein the receiving space is at least partially filled with liquid and the explosion is triggered by igniting an explosive gas mixture in which the explosive gas mixture is at least partially provided over the surface of the liquid (22) before the ignition.

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