

Title (en)

METHOD AND DEVICE FOR FORMING A WORKPIECE BY APPLICATION OF A HIGH INTERNAL PRESSURE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM INNENHOCHDRUCK-UMFORMEN EINES WERKSTÜCKES

Title (fr)

PROCEDE ET DISPOSITIF POUR FORMER UNE PIECE PAR APPLICATION D'UNE PRESSION INTERIEURE ELEVEE

Publication

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Application

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Abstract (en)

[origin: US6282934B1] The invention relates to a process and an apparatus for the internal high-pressure forming of a workpiece in a closed internal high-pressure forming die. In the present invention, the workpiece is expanded by a fluidic internal high pressure exerted by a pressure generator and the workpiece is brought to bear against the cavity of the forming die. To improve the process reliability during the internal high-pressure forming of the workpiece, it is proposed to introduce the internal high pressure in the form of a pressure oscillation.

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