

Title (en)

METHOD FOR HYDROFORMING COMPONENTS

Title (de)

VERFAHREN ZUM HYDROFORMEN VON BAUTEILEN

Title (fr)

PROCÉDÉ D'HYDROFORMAGE DE COMPOSANTS

Publication

EP 2107953 B1 20101110 (DE)

Application

EP 07856575 A 20071211

Priority

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Abstract (en)

[origin: WO2008071396A1] In the case of a method for hydroforming components in which a workpiece to be deformed is placed in a dividable mould and formed into a product with the desired shape by applying pressure to a hydraulic fluid serving as a pressure transmitting medium, an ionic liquid is used as the hydraulic fluid. The ionic liquids to be used according to the invention as hydraulic fluids in the hydroforming technique can, at present, be used up to very high temperatures. As a result, high-temperature hydroforming with liquids is advantageously possible. Furthermore, the low compressibility of ionic liquids has the effect of achieving a considerable increase in efficiency in the forming process.

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