

Title (en)

Method of hydroforming of plates and apparatus for carrying out the same

Title (de)

Verfahren zum Hochdruckumformen von Blechen und Vorrichtung zur Durchführung des Verfahrens

Title (fr)

Procédé d'hydroformage de toles et dispositif pour sa mise en oeuvre

Publication

**EP 1190786 B1 20041013 (FR)**

Application

**EP 01450017 A 20010925**

Priority

FR 0012208 A 20000926

Abstract (en)

[origin: EP1190786A1] The hydroforming procedure, in which a sheet metal blank (1) is shaped against the surface of a die (5') by fluid forced into a matrix cavity (3'), is carried out with a clearance (j) between the blank holder (2') and the die held at a value preventing the formation of a crease between the die and matrix (4'). The size of the clearance is determined by the pressure of the fluid in the matrix cavity and the position of the die relative to the matrix.

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**B21D 22/20**

IPC 8 full level

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CPC (source: EP US)

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