

Title (en)

HYDROFORMING USING HIGH PRESSURE PULSATION DURING FLUID INTENSIFICATION CYCLE

Title (de)

HOCHDRUCKPULSATON WÄHREND EINES FLUIDVERSTÄRKUNGSZYKLUS VERWENDENDEN INNENHOCHDRUCKFORMEN

Title (fr)

HYDROFORMAGE AU MOYEN D'UNE PULSATION DE PRESSION ELEVEE AU COURS D'UN CYCLE D'INTENSIFICATION FLUIDIQUE

Publication

**EP 1725353 A1 20061129 (EN)**

Application

**EP 04819134 A 20041115**

Priority

- US 2004038172 W 20041115
- US 52086803 P 20031117

Abstract (en)

[origin: WO2005049245A1] A method and apparatus for hydroforming a metal part includes placing a part to be formed (510) within a die (512), closing the die to enclose the part to be formed, and introducing a high pressure fluid to an interior of the die for expanding the part against an interior surface of the die. The high pressure fluid has a pulse applied thereto for increasing a material flow of the part within the die.

IPC 8 full level

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CPC (source: EP KR US)

**B21D 26/041** (2013.01 - EP KR US); **B21D 26/06** (2013.01 - EP KR US); **B21D 39/08** (2013.01 - KR); **B21D 41/02** (2013.01 - KR); **Y10T 29/49805** (2015.01 - EP US)

Citation (search report)

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