

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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Citation (search report)

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