

Title (en)  
High pressure-resistant metal bellow and method for manufacturing the same

Title (de)  
Hochdruckfester Metallbalg und Verfahren zum Herstellen eines solchen

Title (fr)  
Poutre métallique résistant aux hautes pressions et son procédé de fabrication

Publication  
**EP 1985388 B1 20100324 (DE)**

Application  
**EP 08014063 A 20080806**

Priority  
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Abstract (en)  
[origin: EP1985388A1] The method involves shaping a pipe from a metallic material into a high pressure-resistant metal bellow (1) by an internal pressure shaping process. A material with two meta-stable material conditions is utilized in the form of the metallic material. The two conditions are ductile material condition and high-strength material condition with increased yield strength. The shaping of the pipe into the metal bellow is performed in the ductile material condition, and the material of the metal bellow is transferred into a high-strength material condition after the shaping process.

IPC 8 full level  
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CPC (source: EP)  
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