

Title (en)  
Method and apparatus for deforming thin walled bodies

Title (de)  
Verfahren und Vorrichtung zum Umformen von dünnwandigen Körpern

Title (fr)  
Procédé et dispositif pour déformer des corps à parois mince

Publication  
**EP 1595616 B1 20120606 (EN)**

Application  
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Abstract (en)  
[origin: EP1400291A2] A thin walled body (1) is gripped securely in a holding station, and a tooling station (7) is advanced relative to the holding station such that an internal tooling part (15) is inserted into the interior of the body (1) and an external tooling part (13) is positioned externally of the body whilst the body is gripped securely at the holding station. Tooling (10) is operated to engage with and deform the circumferential wall of the body (1) at a predetermined wall zone whilst the body is gripped in a fixed orientation in the holding station. The predetermined wall zone is co-aligned with the tooling (10) by rotation of the body (1) about an axis prior to securing at the holding station in the fixed orientation for deforming of the wall of the body (1). <IMAGE>

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CPC (source: EP)  
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Citation (opposition)  
Opponent : Mall + Herlan Schweiz AG  
• US 3628451 A 19711221 - MCCLELLAN HEARST, et al  
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• WO 9515227 A1 19950608 - METAL BOX PLC [GB], et al  
• EP 1214994 A1 20020619 - FRATTINI COSTR MECC [IT]  
• CONFICA NECKING MACHINE  
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