

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 A1 20051116 (EN)**

Application  
**EP 05013807 A 20010209**

Priority  

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- GB 0003033 A 20000210
- GB 0026325 A 20001027

Abstract (en)  
A thin walled body is deformed in a process in which the body gripped securely in a holding station and, whilst gripped in the holding station, tooling (10) engages to deform the peripheral wall of the body at a predetermined wall zone. The tooling (10) is provided at a tooling station (9) which is adjacent the holding station (3) during deformation. The predetermined wall zone is co-aligned with the tooling (10) by rotation of the body about an axis prior to securing at the holding station (3). <IMAGE>

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**B21D 51/26**; **B21D 17/02**

IPC 8 full level  
**B21D 17/02** (2006.01); **B21D 51/26** (2006.01)

CPC (source: EP)  
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Citation (applicant)  

- WO 9803280 A1 19980129 - ALUMINUM CO OF AMERICA [US], et al
- US 3628451 A 19711221 - MCCLELLAN HEARST, et al
- WO 9803279 A1 19980129 - ALUMINUM CO OF AMERICA [US], et al
- WO 9721505 A1 19970619 - METAL BOX PLC [GB], et al
- WO 9515227 A1 19950608 - METAL BOX PLC [GB], et al

Citation (search report)  

- [AD] WO 9803280 A1 19980129 - ALUMINUM CO OF AMERICA [US], et al
- [AD] WO 9721505 A1 19970619 - METAL BOX PLC [GB], et al
- [A] US 4487048 A 19841211 - FREI SIEGFRIED [CH]
- [A] US 5916317 A 19990629 - WILLOUGHBY OTIS [US], et al

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