

Title (en)  
Tube bending device

Title (de)  
Rohrbiegevorrichtung

Title (fr)  
Dispositif de pliage d'un tube

Publication  
**EP 1749592 A3 20070912 (DE)**

Application  
**EP 06012775 A 20060621**

Priority  
DE 102005034796 A 20050721

Abstract (en)  
[origin: EP1749592A2] 3-Dimensional tube bending apparatus (1) includes a tube dispenser (4), freely movable in space by a moving unit (3) and having a delivery part (41) supplying an endless tube (2) to a delivery opening (42). The moving unit is coordinated with a bending template (5) with raised counterbearing structure(s) (51), around which the dispenser is guided so that the delivered tube is permanently deformed in correspondence with the movement.

IPC 8 full level  
**B21D 7/022** (2006.01)

CPC (source: EP)  
**B21D 7/022** (2013.01); **B21D 43/006** (2013.01)

Citation (search report)

- [A] EP 0554533 A1 19930811 - YASKAWA & COMPANY LTD [JP], et al
- [A] DE 3316917 A1 19841122 - LUTZKE WERNER
- [A] FR 2098052 A5 19720303 - GERBER SCIENT INSTR

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1749592 A2 20070207; EP 1749592 A3 20070912; EP 1749592 B1 20090128**; AT E421908 T1 20090215; DE 102005034796 A1 20070125; DE 502006002741 D1 20090319

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**EP 06012775 A 20060621**; AT 06012775 T 20060621; DE 102005034796 A 20050721; DE 502006002741 T 20060621