

Title (en)  
APPARATUS FOR DEFORMING TUBES

Publication  
**EP 0041432 B1 19831214 (FR)**

Application  
**EP 81400805 A 19810521**

Priority  
FR 8011833 A 19800528

Abstract (en)  
[origin: EP0041432A1] 1. A composite apparatus for shaping in particular thin-walled copper tubes, of the type comprising a pressure member (8), a rotary form (9) driven through a gear pinion (30) and a rack (35) rigid with the piston rod of a double-acting hydraulic cylinder device (1) for bending the tube, characterized in that it comprises means (11, 13) for shaping a socket on a tube, single means (4) for simultaneously actuating said socket shaping means (11, 13) and said rotary form (9), means (20, 22) for slidably mounting said actuating means (4), and connecting means (2, 23) for connection with the piston of the cylinder device.

IPC 1-7  
**B21D 7/024**; **B21D 7/06**; **B21D 41/02**

IPC 8 full level  
**B21D 7/024** (2006.01); **B21D 7/06** (2006.01); **B21D 41/02** (2006.01)

CPC (source: EP)  
**B21D 7/024** (2013.01); **B21D 7/063** (2013.01); **B21D 41/021** (2013.01)

Cited by  
CN103990727A; FR2712215A1; CN103978073A; CN103212989A; EP0445081A3; EP1772205A1; FR2891479A1; CN108672517A; US7412867B2; WO9202338A1

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