

Title (en)  
WIRE BENDING DEVICE

Title (de)  
BIEGEVORRICHTUNG FÜR METALLDRAHT

Title (fr)  
DISPOSITIF DE CAMBRAGE DE FIL

Publication  
**EP 1313577 A1 20030528 (FR)**

Application  
**EP 01907855 A 20010221**

Priority  
• FR 0100498 W 20010221  
• FR 0002086 A 20000221

Abstract (en)  
[origin: WO0162411A1] The invention concerns a wire bending device comprising a bending head (3) bearing two bending tools (30, 31) between which the wire to be bent (2) is passed, each of the tools being capable of being driven in rotation concentrically around the other which is then fixed. It comprises: mechanical means (1) for moving the wire to be bent (2) axially in one direction or another (XA, XB); mechanical means for driving the tools (30, 31) in rotation, in the two directions (YA, YB), about an axis (34) parallel to those (32, 33) of the tools (30, 31); mechanical means for moving in the two directions (ZA, ZB) the tools (30, 31) in a plane perpendicular to the axis (34) about which the latter can rotate; and calculating and controlling means for managing simultaneously the operation of the mechanical means so that the movements generated by the latter are superimposed.

IPC 1-7  
**B21F 1/00**; **B21D 7/12**; **B21D 11/07**; **B21D 7/022**; **B21D 7/025**

IPC 8 full level  
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CPC (source: EP US)  
**B21D 7/022** (2013.01 - EP US); **B21D 11/12** (2013.01 - EP US); **B21F 1/00** (2013.01 - EP US)

Citation (search report)  
See references of WO 0162411A1

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DOCDB simple family (publication)  
**WO 0162411 A1 20010830**; AT E285860 T1 20050115; AU 3572701 A 20010903; BR 0108543 A 20021022; DE 60108133 D1 20050203; DE 60108133 T2 20051208; EP 1313577 A1 20030528; EP 1313577 B1 20041229; ES 2234812 T3 20050701; FR 2805188 A1 20010824; FR 2805188 B1 20020607; PT 1313577 E 20050531; US 2003010084 A1 20030116

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