

Title (en)  
Wire straightening apparatus

Title (de)  
Vorrichtung zum Richten von Draht

Title (fr)  
Machine à dressage pour fils

Publication  
**EP 0827791 A3 19980506 (EN)**

Application  
**EP 97306961 A 19970908**

Priority  
GB 9618892 A 19960910

Abstract (en)  
[origin: EP0827791A2] A rotary member (12) for apparatus for straightening elongate material such as wire has an elongate housing (34; 234) and a plurality of deflection members (37-39, 112, 114; 237, 238, 312, 314) for engaging wire being fed through the housing. This engagement displaces the wire radially with respect to the housing axis so that the feeding of the wire through the housing while the latter is rotating helps to straighten the wire. The member is characterised in that the housing is hollow and contains the deflection members, and in that the member includes retaining means (160, 162; 360, 362) for retaining the deflection members in the housing. The advantage of such a rotary member is that deflection members can be removed simply by removing the retaining means, ie without dismantling the housing. Preferably, the rotary members directly engage the housing so that the housing can angularly and axially locate the members therein. This is particularly advantageous since it facilitates the provision of means of providing radial adjustment of the radial members. Wire straightening apparatus comprising a pair of such rotary members and drive means for counter-rotating the rotary members is also shown, as is a wire bending machine having the wire straightening apparatus and feed means for feeding the wire through the apparatus and to a bending head (1). <IMAGE>

IPC 1-7  
**B21F 1/02**

IPC 8 full level  
**B21F 1/02** (2006.01)

CPC (source: EP)  
**B21F 1/02** (2013.01); **B21F 1/023** (2013.01)

Citation (search report)

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