

Title (en)  
Apparatus for bending a metal sheet

Title (de)  
Einrichtung zum Biegen eines Bleches

Title (fr)  
Dispositif pour le pliage des tôles

Publication  
**EP 0920931 B1 20011031 (EN)**

Application  
**EP 99200082 A 19970310**

Priority  
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Abstract (en)  
[origin: WO9732677A1] An apparatus for bending a metal sheet (1) comprises a frame (2), a stationary lower beam (3) with a lower clamp (4), a movable upper beam (5) with an upper clamp (6), said clamps each having a clamping face for clamping a metal sheet in a working position, a lower bending beam (7) and an upper bending beam (8) for bending a clamped metal sheet upwardly and downwardly, respectively, said bending beams each at both sides being supported rotatably around a corresponding axis in a support plate (9), said support plates being movably mounted in the frame in such a manner that the lower or upper bending beam can be moved into a working position, in which its axis is substantially in the plane of the clamping face of the lower or upper clamp, respectively. The lower and upper clamps determine in the working position in cross section a V-shape, the top of which is directed towards the axis of the bending beam being in the working position. Further a device (12) for holding the metal sheet is provided, said holding device being provided with a mainly C-shaped frame (13) with a slide (14) movable backwards and forwards between a front and a back position on a slide bed (15), the legs (17, 18) of the C-shaped frame carrying a lower and upper disc (19, 20) respectively, adapted to engage a metal sheet in a working position. In the front position of the slide the legs of the C-shaped frame extend between the upper and lower beams in such a manner that the lower and upper discs adjoin the clamps.

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