

Title (en)

Device and method for forming a thickened head on the head ends of a metal rod element

Title (de)

Vorrichtung und Verfahren zur Bildung eines verdickten Kopfes an den Kopfstücken eines Metallstabelements

Title (fr)

Dispositif et procédé de formation de tête épaissie sur les extrémités d'un élément de tige métallique

Publication

**EP 2446981 B1 20190828 (EN)**

Application

**EP 11186683 A 20111026**

Priority

NL 2005580 A 20101026

Abstract (en)

[origin: EP2446981A2] A device for forming a thickened head (5) on a head end of a metal rod element (2) comprises a clamping device for clamping the metal rod element (2), whilst leaving an end portion having the head end free. The device comprises a deformation body (16) for plastically deforming the end portion of the metal rod element in order to form the thickened head, as well as a drive device for driving the deformation body. The drive device is provided with a drive unit (18) and a transmission element (21) drivably connected to the drive unit. The transmission element is pivotable about a pivot axis (22) and is provided with a cam track (23). The drive device comprises a lever arm (24), which at one end abuts against the cam track (23) of the transmission element and at an opposite end is provided with the deformation body (16). The lever arm (24) is hingeable about a hinge axis (27) running substantially parallel to the pivot axis (22).

IPC 8 full level

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CPC (source: EP)

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