

Title (en)

BENDING DEVICE AND METHOD FOR PRODUCING A WIRE MESH

Title (de)

BIEGEVORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINES DRAHTGEFLECHTS

Title (fr)

DISPOSITIF DE PLIAGE ET PROCÉDÉ DE PRODUCTION D'UN TREILLIS MÉTALLIQUE

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Application

EP 18701003 A 20180116

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Abstract (en)

[origin: WO2018137966A1] The invention relates to a bending device (200a; 200b) for producing a wire mesh (10a; 10b), in particular a safety net, comprising multiple coils (12a, 14a; 12b) which are braided into one another and at least one coil (12a; 12b) of which is made of at least one individual wire, a wire bundle, a wire strand, a wire rope, and/or another longitudinal element (16a; 16b) with at least one wire (18a; 18b) that has a high-strength steel. The bending device comprises at least one bending unit (202a) that comprises at least one spiral guide (204a) and at least one braiding cutter (208a), which can be rotated about a rotational axis (206a) relative to the spiral guide (204a), for producing a coil blank (210a) with at least two curved limbs (212a, 214a; 212b, 214b) and with at least one bending point (216a; 216b) that connects the curved limbs by bending the longitudinal element (16a; 16b), and the bending device also comprises at least one braiding unit (218a; 218b) which is provided for braiding the coil blank (210a; 210b) into a pre-mesh (220a; 220b) of the wire mesh (10a; 10b). The bending device (200a; 200b) has a straightening device (222a) which is provided for at least partly straightening the curved limbs (212a, 214a; 212b, 214b).

IPC 8 full level

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