

Title (en)
FLANGING SYSTEM AND FLANGING METHOD FOR AUTONOMOUS FLANGING

Title (de)
BÖRDELSYSTEM UND BÖRDELVERFAHREN FÜR EIN AUTARKES BÖRDELN

Title (fr)
SYSTÈME DE SERTISSAGE ET PROCÉDÉ DE SERTISSAGE PERMETTANT UN SERTISSAGE AUTONOME

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Application
EP 16700894 A 20160118

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Abstract (en)
[origin: WO2016116414A1] Flanging system for folding over a flange of a component by flanging, preferably in order to produce a folded joint, the flanging system comprising: (a) a flanging tool (10) having a flanging element (12) that is movable on the flange (2) along a flanging edge (3) of the component (1) in order to fold over the flange (2), preferably a flanging roller (12) that is rollable on the flange, (b) a flanging unit (5) having a guide structure (30) for guiding the flanging tool (10) along the flanging edge (3), (c) a flanging drive (20) for driving the flanging tool (10) and/or the flanging element (12) in a flanging direction (X) along the flanging edge (3), (d) and a media supply for the flanging drive (12), (e) a supporting device (9) for positioning and holding the flanging unit (5) in a particular flanging position relative to the component (1), (f) wherein the flanging tool (10) and the flanging drive (20) are supported within the flanging unit (5) such that a drive force to be applied for the purpose of driving and a flanging force to be exerted on the flange (2) by the flanging element (12) for the purpose of flanging are absorbed within the flanging unit (5), (g) and the flanging tool (10) and the flanging drive (20) are integrated constituent parts of the flanging unit (5) that is able to be handled as a unit by the supporting device (9).

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