

Title (en)

APPLICATION DEVICE, ROBOT, PRODUCTION SYSTEM AND METHOD FOR JOINING ADHESIVE-TAPE PORTIONS

Title (de)

APPLIKATIONSVORRICHTUNG, ROBOTER, FERTIGUNGSSYSTEM UND VERFAHREN ZUM FÜGEN VON KLEBEBANDABSCHNITTEN

Title (fr)

DISPOSITIF D'APPLICATION, ROBOT, SYSTÈME DE FABRICATION ET PROCÉDÉ D'ASSEMBLAGE DE SECTIONS DE RUBAN ADHÉSIF

Publication

**EP 4288239 A1 20231213 (DE)**

Application

**EP 22708538 A 20220224**

Priority

- DE 102021201752 A 20210224
- EP 2022054655 W 20220224

Abstract (en)

[origin: WO2022180164A1] Depicted and described is an application device (1) having a holder arrangement (3) with retaining elements (5) which are movable relative to one another, and each retaining element (5) of the retaining elements (5) can retain an adhesive-tape portion (9) such that a first main joining surface, a first end joining surface and a second end joining surface of the adhesive-tape portion (9) are exposed, wherein the holder arrangement (3) can be moved between a receiving position and an application position, wherein the retaining elements (5) can be moved between a first joining configuration and a second joining configuration with the aid of an actuator, wherein, in the first joining configuration, the retaining elements (5) are arranged such that, when each retaining element (5) of the retaining elements (5) is retaining an adhesive-tape portion (9) of the adhesive-tape portions (9), the adhesive-tape portions (9) are arranged such that they are spaced apart from one another, and wherein, in the second joining configuration, the retaining elements (5) are arranged such that, when each retaining element (5) of the retaining elements (5) is retaining an adhesive-tape portion (9) of the adhesive-tape portions (9), each first end joining surface bears against a second end joining surface such that there is a first end joining surface bearing against each second end joining surface, the first main joining surfaces are oriented in an application direction, and the adhesive-tape portions (9) form an all-around and closed adhesive-tape web.

IPC 8 full level

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