

Title (en)

TAPE LAYING APPARATUS AND TAPE LAYING METHOD FOR FLEXIBLY AND RAPIDLY LAYING TAPES WITH A SHORT CYCLE TIME

Title (de)

TAPELEGEVORRICHTUNG UND TAPELEGEVERFAHREN ZUM FLEXIBLEN UND SCHNELLEN LEGEN VON TAPES MIT KURZER ZYKLUSZEIT

Title (fr)

DISPOSITIF DE POSE DE BANDES ET PROCÉDÉ DE POSE DE BANDES POUR LA POSE SOUPLE ET RAPIDE DE BANDES PRÉSENTANT UNE DURÉE DE CYCLE COURTE

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Application

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Abstract (en)

[origin: WO2018073352A1] The invention relates to a tape laying apparatus (1) having a material feed unit (10, 10a) for feeding a tape band material (2), a cutting device (20, 20a) for severing a tape (5, 5a) from the tape band material (2), a laying device (40, 40a) for receiving and positioning the severed tape (5, 5a) on a laying table (50), and an open-loop and/or closed-loop control device for the open-loop and/or closed-loop control of the operation of the tape laying apparatus. The laying device (40, 40a) is distinguished by the fact that it has a flat transport element and a vacuum device (45) which are able to be activated and deactivated under open-loop and/or closed-loop control by the open-loop and/or closed-loop control device, wherein the vacuum device (45) is connected to the flat transport element such that the tape (5, 5a) can be held on an underside of the flat transport element by means of a negative pressure generated by the vacuum device (45). The invention also relates to a tape laying method.

IPC 8 full level

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