

Title (en)

DEVICE AND PROCESS FOR LAYING BAND OR STRIP MATERIAL

Title (de)

VORRICHTUNG UND VERFAHREN ZUM VERLEGEN VON BAND- ODER STREIFENFÖRMIGEM MATERIAL

Title (fr)

DISPOSITIF ET PROCEDE POUR POSER UN MATERIAU EN FORME DE RUBAN OU DE BANDE

Publication

EP 0934226 B1 20011107 (DE)

Application

EP 97931720 A 19970709

Priority

- DE 9701443 W 19970709
- DE 19644383 A 19961025

Abstract (en)

[origin: DE19644383C1] This invention concerns a device for laying band or strip material (1) with a supporting structure (2) and a platform (3), with at least one of device for laying the material (4) associated with the supporting structure (2), with at least one material feed (5) associated with the device for laying the material (4) and with at least one receptacle (6) associated with the platform (3) for the material (1) to be laid by the device for laying the material (4). The platform (3) and the laying arm (7) are movable at least horizontally and mutually perpendicular and with a reversible orientation. It is therefore possible to lay band or strip material of different widths without having to mechanically adjust the device. Despite the differing widths, the device delivers optimal use of measurements determined by a feed. Said device is characterised in that the feed of material (5) can be moved in the horizontal direction (B) of the platform (3) but also in reverse orientation to the platform (3). The laying arm (7) has a horizontal material-feed area over the entire breadth (8) of which the material (1) can be transported. In addition, a process is described which carries out the above measures using the device of the disclosure.

IPC 1-7

B65H 54/78

IPC 8 full level

B65H 54/78 (2006.01)

CPC (source: EP US)

B65H 54/78 (2013.01 - EP US); **B65H 2301/42162** (2013.01 - EP US); **B65H 2701/18242** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Designated contracting state (EPC)

BE CH DE DK ES FI FR GB IE IT LI NL SE

DOCDB simple family (publication)

DE 19644383 C1 19980430; CA 2268145 A1 19980507; CA 2268145 C 20050208; DE 59705301 D1 20011213; DK 0934226 T3 20020225; EP 0934226 A1 19990811; EP 0934226 B1 20011107; ES 2167003 T3 20020501; US 6209288 B1 20010403; WO 9818706 A1 19980507

DOCDB simple family (application)

DE 19644383 A 19961025; CA 2268145 A 19970709; DE 59705301 T 19970709; DE 9701443 W 19970709; DK 97931720 T 19970709; EP 97931720 A 19970709; ES 97931720 T 19970709; US 29712099 A 19990423