

Title (en)

DEVICE FOR STICKING AN ADHESIVE STRIP TO THE EDGE OF A METAL PLATE

Publication

EP 0117232 B1 19880615 (DE)

Application

EP 84810079 A 19840213

Priority

- CH 86183 A 19830216
- CH 646483 A 19831202

Abstract (en)

[origin: US4486261A] An apparatus for the application of an adhesive film strip about the edge of a shaped part of sheet metal comprises a pair of application roller which rolls on the adhesive tape about the metal sheet edge, imparting to the strip a U-shaped cross section. The adhesive film strip is originally on a carrier tape and is on a storage reel from which it is drawn off by conveying rollers. After being separated from the carrier tape, the adhesive film strip is fed via free-wheeling pre-folding rollers to a pair of application rollers, and the carrier tape is removed by means of further conveying rollers. The pair of application rollers and the pre-folding rollers can be swivelled together about an axis extending parallel with the shafts of the application rollers, and are at the same time resiliently displaceable in the direction of this axis. The distance of the application roller shafts from the said swivelling axis is adjustable in order to achieve a leading or a trailing run. The pre-folding rollers have a longitudinal section of concave or V-shaped configuration, and each is supported by itself additionally by means of soft springs, the application rollers can follow the metal sheet edge continuously, pressing the adhesive film strip against the said edge.

IPC 1-7

B65H 37/04

IPC 8 full level

B31F 5/08 (2006.01); **B65H 37/00** (2006.01); **B65H 37/06** (2006.01)

CPC (source: EP KR US)

B31F 5/085 (2013.01 - EP US); **B65H 37/00** (2013.01 - EP US); **B65H 37/04** (2013.01 - KR); **B65H 37/06** (2013.01 - EP US); **Y10T 156/101** (2015.01 - EP US); **Y10T 156/1011** (2015.01 - EP US); **Y10T 156/1034** (2015.01 - EP US)

Cited by

EP0155904A1

Designated contracting state (EPC)

CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0117232 A2 19840829; **EP 0117232 A3 19870415**; **EP 0117232 B1 19880615**; AU 2460284 A 19840823; AU 566787 B2 19871029; BR 8400674 A 19840918; DE 3472095 D1 19880721; KR 840007707 A 19841210; US 4486261 A 19841204

DOCDB simple family (application)

EP 84810079 A 19840213; AU 2460284 A 19840215; BR 8400674 A 19840215; DE 3472095 T 19840213; KR 840000688 A 19840214; US 57816584 A 19840208