

Title (en)  
DEVICE FOR JOINING SHEETS TOGETHER

Publication  
**EP 0379861 B1 19921104 (DE)**

Application  
**EP 90100124 A 19900104**

Priority  
DE 3901854 A 19890123

Abstract (en)  
[origin: CA2003573A1] Device for Connecting Strips of Material A device for connecting the end of one strip of material (6) which is being taken off a first roll with the start of a strip from a new roll (3) on a take-off machine, which is replacing the first roll, with means (19) to cut the strip (6) being taken off, to hold the strip end (6.4) produced by this, and to press the strip end to the outside circumference of the new roll (3) replacing the old roll, in order to produce an adhesive bond, is made much simpler in design by the fact that above the take-off point, in a frame, two pairs of pivot arms (8, 13), each parallel, are attached. One pair of pivot arms (8) carries a transport element (7) to lift part (6.4) of the strip being taken off, which can be pivoted opposite the strip movement direction, from a rest position (11) behind the strip part (6.1) being guided to the guide roller (5) in the strip movement direction, into an end position (12) which is located outside the area of a full roll (3). The second pair of pivot arms (13) carries a holder element (14) at its free end, and in front of it, a press-down element (17) for the lifted strip part (6.4), and can be pivoted from the end position (12) of the first pair of pivot arms (8) in the strip movement direction up to the outside circumference of a full roll (3). (Fig. 2).

IPC 1-7  
**B65H 19/14**; **B65H 19/18**; **B65H 19/20**

IPC 8 full level  
**B65H 19/14** (2006.01); **B65H 19/18** (2006.01); **B65H 19/20** (2006.01)

CPC (source: EP US)  
**B65H 19/1847** (2013.01 - EP US); **B65H 19/20** (2013.01 - EP US); **B65H 2406/30** (2013.01 - EP US); **B65H 2701/1768** (2013.01 - EP US)

Cited by  
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**EP 0379861 A1 19900801**; **EP 0379861 B1 19921104**; AT E82003 T1 19921115; CA 2003573 A1 19900723; DE 3901854 A1 19900726; DE 59000415 D1 19921210; ES 2036059 T3 19930501; FI 900344 A0 19900122; JP H02231345 A 19900913; US 5020736 A 19910604

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