

Title (en)
Manual device for transferring a film from a carrying ribbon to a substrate.

Title (de)
Handgerät zum Übertragen eines Filmes von einem Trägerband auf ein Substrat.

Title (fr)
Dispositif manuel pour appliquer un film d'un ruban porteur sur un substrat.

Publication
EP 0368070 B1 19931110 (DE)

Application
EP 89119665 A 19891024

Priority
DE 3837621 A 19881105

Abstract (en)
[origin: EP0368070A2] In a manual device for transferring a film (28) from a carrying ribbon (22) to a substrate, in which, in a housing, the carrying ribbon (22) is guided from a smaller supply reel (3) to a contact edge (33) of an application foot (31), which projects outwards from the lower part of the housing, and from the foot back into the housing onto a larger take-up reel (4), supply and take-up reels (3, 4) being coupled to one another via a sliding clutch which acts in the direction of rotation, and guide means for the ribbon-guide of the carrying ribbon (22) being arranged on the housing, supply reel (3) and take-up reel (4) are arranged axially next to one another as well as inclined at an acute angle to one another. In this connection, the smaller supply reel (3) projects at the bottom into the inner space (24), which is open on the side facing the supply reel, of the larger take-up reel (4), while it lies completely outside the same with its upper side. Furthermore, the sliding clutch is arranged in the central region of both reels (3, 4) and between them. The guide means in the ribbon-guide of the carrying ribbon (22) are arranged between the supply reel (3) and the application foot (31). <??>Lastly, connected after the contact edge (33) of the application strip (32), which is arranged at the end of the application foot (31), there is, inclined at an angle to the strip, a guide edge (34) for the lateral diversion of the carrying ribbon (22) in the direction towards the take-up reel (4). <IMAGE>

IPC 1-7
B65H 35/07

IPC 8 full level
B65H 35/07 (2006.01); **B05C 17/06** (2006.01); **B65H 37/00** (2006.01)

CPC (source: EP KR US)
B65H 35/06 (2013.01 - KR); **B65H 37/007** (2013.01 - EP US); **Y10T 156/1795** (2015.01 - EP US); **Y10T 156/18** (2015.01 - EP US); **Y10T 156/1994** (2015.01 - EP US)

Cited by
DE19816925B4; DE19615315C1; DE19609533C1; US6079660A; CN1071282C; WO9733824A1; WO9901368A1; US6321816B1; US9452907B2

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0368070 A2 19900516; EP 0368070 A3 19910130; EP 0368070 B1 19931110; AR 244134 A1 19931029; AT E97100 T1 19931115; AU 4436689 A 19900510; AU 605699 B2 19910117; BR 8905720 A 19900605; DE 3837621 C1 19900405; DE 58906166 D1 19931216; DK 167609 B1 19931129; DK 548189 A 19900506; DK 548189 D0 19891103; ES 2046431 T3 19940201; FI 895212 A0 19891102; JP H02291360 A 19901203; JP H0633127 B2 19940502; KR 900007704 A 19900601; KR 940000052 B1 19940105; MX 172499 B 19931217; NO 172531 B 19930426; NO 172531 C 19930804; NO 894380 D0 19891103; NO 894380 L 19900507; PT 92198 A 19900531; PT 92198 B 19950912; US 5006184 A 19910409; ZA 898289 B 19900725

DOCDB simple family (application)
EP 89119665 A 19891024; AR 31535289 A 19891103; AT 89119665 T 19891024; AU 4436689 A 19891102; BR 8905720 A 19891103; DE 3837621 A 19881105; DE 58906166 T 19891024; DK 548189 A 19891103; ES 89119665 T 19891024; FI 895212 A 19891102; JP 28762589 A 19891106; KR 890016055 A 19891104; MX 1824989 A 19891106; NO 894380 A 19891103; PT 9219889 A 19891103; US 43161089 A 19891103; ZA 898289 A 19891031