

Title (en)

DEVICE FOR TRANSFERRING A FILM FROM A CARRIER FOIL ONTO DEVICE FOR TRANSFERRING A FILM FROM A CARRIER FOIL ONTO A SUBSTRATUM A SUBSTRATUM

Publication

**EP 0313719 A3 19890607 (DE)**

Application

**EP 88103946 A 19880312**

Priority

DE 3736367 A 19871027

Abstract (en)

[origin: JPH01122870A] PURPOSE: To enable a user to easily and accurately determine the rupture edge of a film covering the outer surface of a support sheet by fitting a rubbing strip to the free end of an elastically flexural long and narrow support leg, and the edge of this rubbing strip serve as a support sheet pressing edge. CONSTITUTION: When a left edge 14' of a rubbing strip 14 is placed on a substrate, a support leg is completely bent, and a protrusion 7 of the strip 14 abuts an opposed protrusion 8. When the rubbing strip 14 is slid along the substrate, a film 5a covering the outer surface of a support sheet 5 is continuously drawn out by the specified dimension from the support sheet 5. After this drawing out, pressing force from a hand roller is released. Then the support leg 12 is elastically reset, and the stopper 7 is separated from the opposed stopper 8. The whole support sheet 5 is therefore tensed again to increase frictional force, and the film 5 is ruptured. When the hand roller is lifted, the film 5a is ruptured along a new rupture line 29 and stuck to the substrate 17 over the specified dimension.

IPC 1-7

**B65H 35/07**; **B43M 11/06**

IPC 8 full level

**B65H 35/07** (2006.01); **B43L 19/00** (2006.01); **B43M 11/06** (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 156/1978** (2015.01 - EP US)

Citation (search report)

- US 3586587 A 19710622 - BOYCE ELVIN L
- DE 2426776 A1 19741212 - MINNESOTA MINING & MFG

Cited by

DE102007053449A1; EP1249420A1; US6481485B1; DE4437384A1; EP0994060A1; DE10118830A1; DE10118830B4; DE102006031173A1; DE102006031173B4; AU2002251076B2; CN1296263C; AU710455B2; US6105650A; CN1072182C; US6270578B1; WO0010898A1; WO02083535A1; WO9109805A1; WO02081349A1; US9452907B2; WO9729036A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0313719 A2 19890503**; **EP 0313719 A3 19890607**; **EP 0313719 B1 19920219**; AT E72658 T1 19920315; AU 585194 B1 19890608; BR 8805731 A 19890718; CR 4306 A 19910408; DE 3736367 C1 19890223; DE 3868484 D1 19920326; DK 164095 B 19920511; DK 164095 C 19921012; DK 236488 A 19890428; DK 236488 D0 19880428; ES 2031169 T3 19921201; FI 87176 B 19920831; FI 87176 C 19921210; FI 881270 A0 19880317; FI 881270 A 19890428; GR 3003855 T3 19930316; JP H01122870 A 19890516; JP H0633125 B2 19940502; KR 890017156 A 19891215; KR 920008339 B1 19920926; MX 171727 B 19931111; NO 166031 B 19910211; NO 166031 C 19910522; NO 881663 D0 19880415; NO 881663 L 19890428; PT 88863 A 19890731; PT 88863 B 19931231; US 4853074 A 19890801; ZA 888077 B 19890927

DOCDB simple family (application)

**EP 88103946 A 19880312**; AT 88103946 T 19880312; AU 1580788 A 19880505; BR 8805731 A 19881027; CR 4306 A 19881026; DE 3736367 A 19871027; DE 3868484 T 19880312; DK 236488 A 19880428; ES 88103946 T 19880312; FI 881270 A 19880317; GR 920400214 T 19920220; JP 10441488 A 19880428; KR 880005559 A 19880513; MX 1357888 A 19881027; NO 881663 A 19880415; PT 8886388 A 19881026; US 18177988 A 19880415; ZA 888077 A 19881027