

Title (en)

MANUAL DEVICE FOR TRANSFERRING A FILM FROM A CARRIER TAPE TO A SUBSTRATE

Title (de)

HANDGERÄT ZUM ÜBERTRAGEN EINES FILMES VON EINEM TRÄGERBAND AUF EIN SUBSTRAT

Title (fr)

APPAREIL MANUEL POUR TRANSFERER UN FILM D'UNE BANDE SUPPORT SUR UN SUBSTRAT

Publication

**EP 0956255 B1 20020605 (DE)**

Application

**EP 97951974 A 19971125**

Priority

- DE 19702345 A 19970123
- EP 9706576 W 19971125

Abstract (en)

[origin: US6273982B1] A hand-operated appliance (1) for transferring a film from a carrier tape (7) to a substrate is proposed, this having a casing (2), an interchangeable cassette (3) which can be inserted in the casing (2), a supply spool (4) for a carrier tape (7) coated with a film and a wind-up spool (5) for taking up the carrier tape (7) separated from the film, both spools being held in the interchangeable cassette (3), an applicator device (6) which deflects the carrier tape (7), projects out of the casing (2) and presents the side of the carrier tape (7) which is coated with the film to the substrate, and a drive connection (8) provided with a slip coupling (9) between the supply spool (4) and the wind-up spool (5) which, as the supply spool (4) is driven by drawing off the carrier tape (7), drives the wind-up spool (5) at a rotational speed which is such that the carrier tape (7) always remains tensioned. In order to enable the spools (4, 5) to be easily replaced, while being easy and inexpensive to produce, the hand-operated appliance according to the invention is characterised in that the applicator device (6) consists of an applicator strip (10) located on the casing (2) and of a tape guide device (11) located on the interchangeable cassette (3) for the carrier tape (7), wherein the tape guide device (11) is formed such that it holds a part of the carrier tape (7) ready as a loop into which the applicator strip (10) enters when the interchangeable cassette (3) is loaded into the casing (2).

IPC 1-7

**B65H 37/00**

IPC 8 full level

**B65H 35/07** (2006.01); **B65H 37/00** (2006.01)

CPC (source: EP KR US)

**B65H 37/00** (2013.01 - KR); **B65H 37/007** (2013.01 - EP US); **Y10T 156/1705** (2015.01 - EP US); **Y10T 156/1795** (2015.01 - EP US); **Y10T 156/18** (2015.01 - EP US)

Designated contracting state (EPC)

AT DE ES FR GB IE IT NL SE

DOCDB simple family (publication)

**US 6273982 B1 20010814**; AR 009857 A1 20000503; AT E218498 T1 20020615; AU 5556198 A 19980818; AU 724258 B2 20000914; BR 9714530 A 20000502; CA 2276595 A1 19980730; CA 2276595 C 20060912; CN 1080694 C 20020313; CN 1242754 A 20000126; DE 19702345 A1 19980730; DE 59707451 D1 20020711; EP 0956255 A1 19991117; EP 0956255 B1 20020605; ES 2174325 T3 20021101; JP 2001508385 A 20010626; JP 4259618 B2 20090430; KR 100493473 B1 20050607; KR 20000069644 A 20001125; WO 9832682 A1 19980730; ZA 98331 B 19980717

DOCDB simple family (application)

**US 33181999 A 19990624**; AR P980100289 A 19980122; AT 97951974 T 19971125; AU 5556198 A 19971125; BR 9714530 A 19971125; CA 2276595 A 19971125; CN 97181169 A 19971125; DE 19702345 A 19970123; DE 59707451 T 19971125; EP 9706576 W 19971125; EP 97951974 A 19971125; ES 97951974 T 19971125; JP 53151498 A 19971125; KR 19997005659 A 19990621; ZA 98331 A 19980115