

Title (en)  
DEVICE TO PICK UP FLAT WORK PIECES

Publication  
**EP 0140200 B1 19870325 (DE)**

Application  
**EP 84111844 A 19841003**

Priority  
DE 3336426 A 19831006

Abstract (en)  
[origin: US4591139A] An apparatus for picking up, transporting and exactly depositing planar work pieces, particularly cloth parts, comprises lifting devices which can be moved over work piece deposition points. The lifting devices comprise a pressure plate having a plurality of adhesive-tape pickups removably fixed thereon, e.g., by adhesion magnets. The adhesive-tape pick ups can be easily moved to any number of selectable points on the pressure plate in order to conform to the work piece to be picked up. The adhesive-tape pickups comprise a tubular housing having disposed therein a longitudinally movable adhesive-tape winding device with associated tape deflection rolls. The tubular member has a baffle plate located at the bottom thereof. The baffle plate is provided with apertures. The tape deflection rollers protrude slightly through these apertures presenting adhesive tape for picking up a work piece when the apparatus is positioned at a pickup point. When the apparatus is positioned at a workpiece deposition point, lowering of the pressure plate at the deposition point causes the tape deflection rollers to be retracted within the apertures and work piece is stripped off by the baffle plate.

IPC 1-7  
**A41H 43/02**; **B65H 3/20**; **B65H 31/34**

IPC 8 full level  
**A41H 43/02** (2006.01); **B65H 3/20** (2006.01); **B65H 5/10** (2006.01); **B65H 5/14** (2006.01); **B65H 31/34** (2006.01)

CPC (source: EP US)  
**B65H 3/20** (2013.01 - EP US); **Y10S 271/901** (2013.01 - EP US)

Designated contracting state (EPC)  
AT CH DE FR GB IT LI

DOCDB simple family (publication)  
**EP 0140200 A2 19850508**; **EP 0140200 A3 19850703**; **EP 0140200 B1 19870325**; AT E26061 T1 19870415; CA 1222261 A 19870526; DE 3336426 A1 19850418; DE 3462747 D1 19870430; JP H0339937 B2 19910617; JP S60157435 A 19850817; US 4591139 A 19860527

DOCDB simple family (application)  
**EP 84111844 A 19841003**; AT 84111844 T 19841003; CA 464813 A 19841005; DE 3336426 A 19831006; DE 3462747 T 19841003; JP 20844784 A 19841005; US 65752784 A 19841004