

Title (en)
METHOD AND MACHINE FOR MAKING LABELS OR THE LIKE MADE ADHESIVE AND SET ON A PACKAGE WINDING

Title (de)
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON LEIM ENTHALTENDEN ETIKETTEN ODER DERGLEICHEN DIE AUF EINE WICKELSPULE GEBRACHT WERDEN

Title (fr)
PROCEDE ET MACHINE DE FABRICATION D'ETIQUETTES OU ANALOGUES RENDUES ADHESIVES ET DEPOSEES SUR UN SUPPORT BOBINE

Publication
EP 1051295 A1 20001115 (FR)

Application
EP 99901645 A 19990128

Priority
• FR 9900168 W 19990128
• FR 9800985 A 19980129

Abstract (en)
[origin: FR2774070A1] For the prod. of printed and adhesive labels, the printed labels are cut to size and are self-adhesive through laying on a siliconized support to be wound on spools slightly larger than the label size for continuous mechanical coating with a watery adhesive. While still non-adhesive, the labels are stacked in the same orientation, and adhesive is applied to one surface of the support material which is presented to the label stack without contact, and towards the rear surface of the top label in the stack. The separation of the labels (1) from the stack is by a mechanism (8) which applies a series of intermittent pressure actions on the uncoated side (32) of the support strip (3), while it is held lightly over the label magazine (2). The momentary pressures on the support strip (3), over a zone slightly longer than the label (1) length, pick up the labels from the top of the stack as the carrier strip (3) is advanced over the magazine (2). The intermittent pressure unit (8) has a plate (81), pref. of the same dimensions as the label (1), resting lightly on the uncoated side (32) of the carrier strip (3) when in the rest position. The plate (81) is moved to and fro, in a stroke action, to press the coated side (31) of the carrier (3) against the rear surface of the top label (1) in the stack and lift it clear to be carried onwards with the carrier strip (3) movement while the plate (81) has returned to its rest position. The reciprocating stroke movement for the pressure plate (81) is through cams or electromagnets, to give successive pressures on the carrier (3).

IPC 1-7
B31D 1/02; B65C 9/12; B65C 9/18

IPC 8 full level
B31D 1/02 (2006.01)

CPC (source: EP)
B31D 1/021 (2013.01)

Citation (search report)
See references of WO 9938678A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
FR 2774070 A1 19990730; **FR 2774070 B1 20000225**; AT E261352 T1 20040315; AU 2168199 A 19990816; DE 69915453 D1 20040415; DE 69915453 T2 20041202; EP 1051295 A1 20001115; EP 1051295 B1 20040310; ES 2218984 T3 20041116; WO 9938678 A1 19990805

DOCDB simple family (application)
FR 9800985 A 19980129; AT 99901645 T 19990128; AU 2168199 A 19990128; DE 69915453 T 19990128; EP 99901645 A 19990128; ES 99901645 T 19990128; FR 9900168 W 19990128