

Title (en)
LABELLING APPARATUS AND METHOD

Title (de)
VORRICHTUNG UND VERFAHREN ZUM ETIKETTIEREN

Title (fr)
APPAREIL D'ETIQUETAGE ET PROCEDES S'Y RAPPORTANT

Publication
EP 1098815 A2 20010516 (EN)

Application
EP 99935351 A 19990625

Priority
• US 9914367 W 19990625
• US 10587698 A 19980626
• US 33974399 A 19990624

Abstract (en)
[origin: WO0000397A2] Attraction (106) and cutter (130, 170) mechanisms are used on a rotatable drum (100) to controllably sever segments of material from a web (4), with the drum (100) rotated at a rate greater than that of the web (4) to provide tension in the web. A carrier mechanism (400, 460) may be used having at least one article carrier (410a-410e) pivotably coupled to a rotatable hub (409) and controlled via a camming mechanism (429, 442). A fluid dispenser (1094) may also be used to direct a flow of fluid toward a nip (1178) formed between an adhesive roller (1092) and the drum (1038), from a position upstream from the nip (1178). A starwheel (1020) may also be used including a rotatable hub (1204) and an engagement surface (1208, 1210) resiliently coupled thereto defining a pocket (1024) for engaging an article. Furthermore, a discharge starwheel (1042) may be used to transfer articles from the discharge end of an arcuate guide (1040) that opposes a label transfer drum (1038).

IPC 1-7
B65C 9/00

IPC 8 full level
B65C 9/18 (2006.01); **B65C 9/44** (2006.01)

CPC (source: EP)
B65C 9/1807 (2013.01); **B65C 9/1819** (2013.01); **B65C 9/44** (2013.01); **B65C 2009/1838** (2013.01)

Citation (search report)
See references of WO 0000397A2

Designated contracting state (EPC)
AT DE ES FR GB IT

DOCDB simple family (publication)
WO 0000397 A2 20000106; **WO 0000397 A3 20000323**; AU 5084599 A 20000117; CA 2335935 A1 20000106; EP 1098815 A2 20010516; MX PA01000091 A 20021017

DOCDB simple family (application)
US 9914367 W 19990625; AU 5084599 A 19990625; CA 2335935 A 19990625; EP 99935351 A 19990625; MX PA01000091 A 19990625