

Title (en)
LABELING APPARATUS

Title (de)
ETIKETTIERVORRICHTUNG

Title (fr)
APPAREIL D'ETIQUETAGE

Publication
EP 1711402 A1 20061018 (EN)

Application
EP 04813183 A 20041206

Priority
• US 2004040830 W 20041206
• DE 10358318 A 20031212

Abstract (en)
[origin: WO2005061335A1] The invention is directed to a labeling apparatus for dispensing and applying self-adhesive labels arranged on a carrier web (15) adapted to be fed step-by-step. By means of a lever mounted for pivotal movement on a housing of the labeling apparatus a feeding mechanism (19) for the carrier web is adapted to be driven. The feeding mechanism (19) includes a transport slide (40) with a transport pawl (46) and a table (45). On each pivoting cycle of the lever the carrier web (15) is adapted to be held clamped between a clamping member (52) of the transport pawl (46) and the table (45) for entrainment by the transport slide (40). The clamping member (52) includes several cutting edges (52a-52c) arranged adjacent to each other in the feed direction, hence enabling line contact to be established between the clamping member (52) and the carrier web (15) in a direction transverse to the feed direction of the carrier web. By virtue of the line contact between the clamping member (52) and the carrier web (15), service life, reliability and accuracy of the feeding mechanism (19) are improved.

IPC 8 full level
B32B 37/00 (2006.01); **B65C 9/30** (2006.01); **B65C 11/00** (2006.01); **B65C 11/02** (2006.01)

CPC (source: EP KR)
B65C 11/0215 (2013.01 - EP KR); **B65C 11/0263** (2013.01 - EP); **B65C 2201/00** (2013.01 - KR); **B65C 2210/007** (2013.01 - KR)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005061335 A1 20050707; AU 2004303842 A1 20050707; AU 2004303842 B2 20080619; CA 2549002 A1 20050707; CA 2549002 C 20100209; CN 1894135 A 20070110; DE 10358318 A1 20050714; EP 1711402 A1 20061018; EP 1711402 A4 20081029; JP 2007513844 A 20070531; JP 4469858 B2 20100602; KR 20060103951 A 20061004; MX PA06006656 A 20060811; TW 200528354 A 20050901

DOCDB simple family (application)
US 2004040830 W 20041206; AU 2004303842 A 20041206; CA 2549002 A 20041206; CN 200480036967 A 20041206; DE 10358318 A 20031212; EP 04813183 A 20041206; JP 2006543919 A 20041206; KR 20067013874 A 20060710; MX PA06006656 A 20041206; TW 93138389 A 20041210