

Title (en)

Method and apparatus for printing blanks

Title (de)

Verfahren und Vorrichtung zum Bedrucken von Zuschnitten

Title (fr)

Procédé et dispositif pour imprimer des flans

Publication

EP 1038780 B1 20031105 (DE)

Application

EP 00104138 A 20000229

Priority

DE 19913855 A 19990326

Abstract (en)

[origin: EP1038780A1] The method involves using a marking element, especially a printing mechanism (34), to apply markings during short periods when the material (11) is stationary. Accurate positioning is controlled by a sensor, especially, a printed mark reader (37) that senses printed markers on the material strip. Slight positioning errors of the material strip with respect to the printer mechanism are compensated for by relative displacement, especially by moving the material along a path that compensates for the error. An Independent claim is also included for an arrangement for producing sections of tape for enclosing objects, especially for packaging, by separation from a material strip with separating blades.

IPC 1-7

B65B 61/02; B65B 41/18; B65H 23/188

IPC 8 full level

B41J 11/42 (2006.01); **B41J 11/70** (2006.01); **B41J 19/18** (2006.01); **B65B 41/18** (2006.01); **B65B 61/02** (2006.01); **B65H 23/188** (2006.01); **B65H 35/06** (2006.01)

CPC (source: EP US)

B65B 41/18 (2013.01 - EP US); **B65B 61/025** (2013.01 - EP US); **B65H 23/1884** (2013.01 - EP US); **B65H 2511/512** (2013.01 - EP US)

Cited by

EP1160167A3; AT514411A1; WO2007101517A3; WO2007031784A1; WO2010049722A3

Designated contracting state (EPC)

CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 1038780 A1 20000927; EP 1038780 B1 20031105; BR 0001418 A 20001017; BR 0001418 B1 20090113; CN 1191967 C 20050309; CN 1268469 A 20001004; DE 19913855 A1 20000928; DE 50004288 D1 20031211; JP 2000296644 A 20001024; JP 4467706 B2 20100526; US 6508173 B1 20030121

DOCDB simple family (application)

EP 00104138 A 20000229; BR 0001418 A 20000324; CN 00104661 A 20000324; DE 19913855 A 19990326; DE 50004288 T 20000229; JP 2000076094 A 20000317; US 52680900 A 20000316