

Title (en)

Device for making packages using thin packaging material

Title (de)

Vorrichtung zum Herstellen von Verpackungen aus dünnem Verpackungsmaterial

Title (fr)

Dispositif pour fabriquer des emballages en matériau d'emballage mince

Publication

EP 0839719 B1 20040303 (DE)

Application

EP 97117706 A 19971013

Priority

DE 19644079 A 19961031

Abstract (en)

[origin: EP0839719A1] The machine has folder (10), preferably a rotating folder, which is supplied with pieces (12) of a thin foldable material such as paper or film. These pieces are cut off a sheet (19). A holder (34) extends across the sheet and captures the leading edge of the piece to transport it to the folder. The pieces are preferably separated from the sheet by a cutter (23) are transported around at least one roller (12) to contact with a counter-rotating suction roller (26). This suction roller has an axial trough which captures the piece and delivers it to the folder.

IPC 1-7

B65B 19/22; **B65B 41/06**; **B31B 3/28**

IPC 8 full level

B31B 3/28 (2006.01); **B65B 19/22** (2006.01); **B65B 19/24** (2006.01); **B65B 41/06** (2006.01); **B65B 43/04** (2006.01)

CPC (source: EP US)

B65B 19/228 (2013.01 - EP US); **B65B 41/06** (2013.01 - EP US); **B31B 50/042** (2017.07 - EP US); **B31B 50/44** (2017.07 - EP US)

Cited by

DE102007041648A1; DE19825943A1; EP1698450A1; US6226960B1; EP2030896A1

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

EP 0839719 A1 19980506; **EP 0839719 B1 20040303**; BR 9705185 A 19990525; CN 1105010 C 20030409; CN 1181336 A 19980513; DE 19644079 A1 19980507; DE 59711362 D1 20040408; ES 2216092 T3 20041016; HK 1065593 A1 20050225; JP 3429168 B2 20030722; JP H10211903 A 19980811; US 5918440 A 19990706

DOCDB simple family (application)

EP 97117706 A 19971013; BR 9705185 A 19971030; CN 97121274 A 19971030; DE 19644079 A 19961031; DE 59711362 T 19971013; ES 97117706 T 19971013; HK 04108288 A 20041021; JP 30109197 A 19971031; US 95916997 A 19971028