

Title (en)
AUTOMATIC PACKAGE WRAPPING MACHINE

Title (de)
AUTOMATISCHE EINWICKELMASCHINE FÜR VERPACKUNGEN

Title (fr)
EMBALLEUSE AUTOMATIQUE DE PAQUETS

Publication
EP 0936989 A2 19990825 (EN)

Application
EP 96944968 A 19961227

Priority

- US 9620491 W 19961227
- US 57975495 A 19951228
- US 58314095 A 19951228

Abstract (en)
[origin: WO9724262A2] An automatic package wrapping machine wraps a box of arbitrary size. The box is placed in the machine following which all operations are automatic. As the box is automatically advanced to a ready-to-wrap position, its length, width and height are automatically measured. Paper is withdrawn from a roll supply and automatically cut to a size calculated to wrap the box. The paper is automatically applied to wrap four sides of the box without causing the box to tilt or tumble. The ends are then automatically processed by folding and sealing of flaps, whereupon a neatly wrapped box is ejected from the machine.

IPC 1-7
B65B 11/22

IPC 8 full level
B65B 11/12 (2006.01); **B65B 59/00** (2006.01)

CPC (source: EP KR US)
B65B 11/12 (2013.01 - EP KR US); **B65B 35/58** (2013.01 - EP KR); **B65B 41/16** (2013.01 - EP KR); **B65B 51/023** (2013.01 - EP KR);
B65B 51/06 (2013.01 - EP KR); **B65B 57/12** (2013.01 - EP KR); **B65B 59/001** (2019.04 - EP KR US); **B65B 59/02** (2013.01 - EP KR US);
B65B 2210/04 (2013.01 - EP KR)

Citation (search report)
See references of WO 9724262A2

Designated contracting state (EPC)
BE CH DE DK ES FR GB IE IT LI LU NL SE

DOCDB simple family (publication)
WO 9724262 A2 19970710; WO 9724262 A3 19970904; AU 1344297 A 19970728; AU 710665 B2 19990923; CA 2241681 A1 19970710;
CN 1071234 C 20010919; CN 1209104 A 19990224; EP 0936989 A2 19990825; JP 2000502642 A 20000307; KR 19990076881 A 19991025;
MX 9805210 A 19981129; NZ 326149 A 19990629

DOCDB simple family (application)
US 9620491 W 19961227; AU 1344297 A 19961227; CA 2241681 A 19961227; CN 96180046 A 19961227; EP 96944968 A 19961227;
JP 52450097 A 19961227; KR 19980705008 A 19980627; MX 9805210 A 19980626; NZ 32614996 A 19961227