

Title (en)  
PROCESS AND EQUIPMENT FOR WRAPPING PRODUCTS WITH STRETCHABLE FILM

Title (de)  
VERFAHREN UND EINRICHTUNG ZUM VERPACKEN VON GEGENSTÄNDEN MITTELS DEHNFOLIE

Title (fr)  
PROCEDE ET EQUIPEMENT POUR ENVELOPPER DES PRODUITS AVEC UN FILM ETIRABLE

Publication  
**EP 0934197 B1 20001213 (EN)**

Application  
**EP 97942934 A 19970916**

Priority  
• EP 9705061 W 19970916  
• IT BO960473 A 19960924

Abstract (en)  
[origin: WO9813262A1] Each movement in the various operating phases of a wrapping machine which involve stretchable film is carried out with variable motion with continuous and cyclic change, with precise accelerations and decelerations, in such a way as to ensure the attainment of the best compromise between the highest rate of execution of the said phases and the greatest use of the stretchability of the film without the yielding and rupture of the film used. For this purpose, the motors of the various operating elements of the machine are of the type with electronic control of speed and phase and are driven by suitable electronic circuit boards connected to the processor which controls the operation of the wrapping machine. Means are also provided to enable the processor of the machine to automatically adapt its operating program when there are variations of temperature and ambient humidity and also when there are variations of the physical characteristics of the stretchable film used.

IPC 1-7  
**B65B 11/54**; **B65B 57/00**

IPC 8 full level  
**B65B 11/54** (2006.01); **B65B 57/00** (2006.01)

CPC (source: EP)  
**B65B 11/54** (2013.01); **B65B 57/00** (2013.01)

Cited by  
EP1433708A3; EP1433708B1

Designated contracting state (EPC)  
DE ES FR GB

DOCDB simple family (publication)  
**WO 9813262 A1 19980402**; DE 69703701 D1 20010118; DE 69703701 T2 20010412; EP 0934197 A1 19990811; EP 0934197 B1 20001213; ES 2152704 T3 20010201; IT 1286231 B1 19980708; IT BO960473 A0 19960924; IT BO960473 A1 19980324

DOCDB simple family (application)  
**EP 9705061 W 19970916**; DE 69703701 T 19970916; EP 97942934 A 19970916; ES 97942934 T 19970916; IT BO960473 A 19960924