

Title (en)
BAG-MAKING AND PACKAGING MACHINE

Title (de)
TASCHENHERSTELLUNGS- UND -VERPACKUNGSMASCHINE

Title (fr)
MACHINE DE FABRICATION DE SACS ET D'EMBALLAGE

Publication
EP 1394048 A4 20060920 (EN)

Application
EP 02728230 A 20020603

Priority

- JP 0205463 W 20020603
- JP 2001169424 A 20010605

Abstract (en)
[origin: EP1394048A1] When replacing film rolls, a film holding mechanism fixedly holds a film of a pre-replacement film roll. At the same time, a film suction mechanism holds a film by suction. A film storing mechanism pulls the end of the film up to the film suction mechanism. Furthermore, the end of the film that is held by the film suction mechanism by suction and the head of the film of the post-replacement film roll are joined using an adhesive tape. Also, once it is detected based on the output from the load cell that the film has been entirely unrolled, the control device stops the operations of an items supply portion and motor. Accordingly, the items that have been supplied to a bag-manufacturing and packaging portion from the items supply portion at the time the items supply portion is stopped are packaged using film stored in a film storing mechanism. Then, the control device stops the operation of the bag-manufacturing and packaging portion. <IMAGE>

IPC 1-7
B65B 41/12

IPC 8 full level
B65B 9/10 (2006.01); **B65B 41/12** (2006.01); **B65H 19/18** (2006.01); **B65H 20/34** (2006.01)

CPC (source: EP US)
B65B 9/20 (2013.01 - EP US); **B65B 9/2028** (2013.01 - EP US); **B65B 41/12** (2013.01 - EP US); **B65B 41/16** (2013.01 - EP US);
B65B 57/08 (2013.01 - EP US); **B65H 19/1852** (2013.01 - EP US); **B65H 20/34** (2013.01 - EP US); **B65H 2301/4621** (2013.01 - EP US);
B65H 2301/4631 (2013.01 - EP US); **B65H 2406/351** (2013.01 - EP US); **B65H 2511/14** (2013.01 - EP US); **B65H 2801/69** (2013.01 - EP US);
B65H 2801/81 (2013.01 - EP US)

C-Set (source: EP US)
B65H 2511/14 + B65H 2220/03

Citation (search report)

- [A] EP 0897865 A1 19990224 - HASSIA REDATRON GMBH [DE]
- [A] EP 0668213 A2 19950823 - KLIKLOK CORP [US]
- [A] US 4995936 A 19910226 - COHN ROBERT [US]
- See references of WO 02098737A1

Cited by
CN101850912A; EP2514697A3; ES2802698A1; ITTO20130896A1; US11673312B2; EP2514697B1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1394048 A1 20040303; EP 1394048 A4 20060920; EP 1394048 B1 20080326; DE 60225799 D1 20080508; DE 60225799 T2 20090416;
JP 4320248 B2 20090826; JP WO2002098737 A1 20041202; US 2004065047 A1 20040408; US 2006117713 A1 20060608;
WO 02098737 A1 20021212

DOCDB simple family (application)
EP 02728230 A 20020603; DE 60225799 T 20020603; JP 0205463 W 20020603; JP 2003501744 A 20020603; US 34168406 A 20060130;
US 43340603 A 20030604