

Title (en)
WRAPPING METHOD AND MACHINE FOR IMPLEMENTING SAID METHOD

Title (de)
UMHÜLLUNGSVERFAHREN UND-APPARAT

Title (fr)
PROCEDE DE CONDITIONNEMENT ET MACHINE DESTINEE A LA MISE EN OEUVRE DE CE PROCEDE

Publication
EP 1273519 A1 20030108 (EN)

Application
EP 00910889 A 20000323

Priority
ES 0000103 W 20000323

Abstract (en)
Maintaining the pallet (1) stationary, the procedure is characterised essentially by subjecting the spool (2) supplying the packing film, to a movement around said pallet (1) of rectangular trajectory (3), whereby in each cycle or turn of the spool (2) four segments of rectilinear displacement are defined therefor related one to another through orthogonal inflections, whereby the pressure of the film is maintained constant throughout the wrapping, avoiding risks of the same being torn. To this end the spool (2) is mounted on a headstock (4) in association directly or indirectly with the free extremity (8) of the multiple articulated arm (7) of a robot (6), with an operating program developed for the aforementioned movements, in such a manner that the stationary nature of the pallet (1) during the packing prevents the load falling off the pallet, the special movement of the spool (2) around the pallet and its load prevents tearing of the plastic film, and the reduced weight of the headstock (4) with its fittings considerably limits the inertia of the machine. <IMAGE>

IPC 1-7
B65B 11/02

IPC 8 full level
B65B 11/02 (2006.01)

CPC (source: EP US)
B65B 11/025 (2013.01 - EP US); **B65B 2210/20** (2013.01 - EP US)

Citation (search report)
See references of WO 0170576A1

Cited by
EP1502856A1; EP1950134A1; FR2911581A1; EP1655225A1; AT525393A1; AT525393B1; WO2006032065A1; WO2023023682A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1273519 A1 20030108; AU 3293500 A 20011003; BR 0017196 A 20030429; CA 2401584 A1 20010927; MX PA02009357 A 20040514; US 2003093973 A1 20030522; WO 0170576 A1 20010927

DOCDB simple family (application)
EP 00910889 A 20000323; AU 3293500 A 20000323; BR 0017196 A 20000323; CA 2401584 A 20000323; ES 0000103 W 20000323; MX PA02009357 A 20000323; US 26550202 A 20020923