

Title (en)
STRETCH WRAPPING MACHINE

Title (de)
DEHNFOLIENVERPACKUNGSMASCHINE

Title (fr)
MACHINE D'EMBALLAGE SOUS FILM ÉTIRABLE

Publication
EP 3257760 A4 20180711 (EN)

Application
EP 16749147 A 20160204

Priority
• JP 2015023459 A 20150209
• JP 2016053407 W 20160204

Abstract (en)
[origin: EP3257760A1] Provided is a stretch wrapping machine that can stably convey film even in a case where, for the purpose of wrapping, a holding component that holds the film is provided separately from belts for conveyance. The stretch wrapping machine is equipped with conveyance devices (22) having belt conveyance units and belt pressing mechanisms, a clamp device (23), a wrapping station, and a control device (9). At the wrapping station, product is pushed against film held by the clamp device (23), and the product is wrapped by the film. The belt conveyance units have upper belts and lower belts that sandwich end portions of the film. Pressing members (221e) of the belt pressing mechanisms apply force to the upper belts so that the force with which the upper belts and the lower belts sandwich the film increases. Additionally, the control device (9) controls the belt pressing mechanisms so that during conveyance of the film the force resulting from the pressing members (221e) acts on the upper belts and so that after conveyance of the film the force resulting from the pressing members (221e) that had acted on the upper belts is cancelled.

IPC 8 full level
B65B 11/54 (2006.01); **B65B 11/18** (2006.01); **B65B 57/00** (2006.01)

CPC (source: EP US)
B65B 11/18 (2013.01 - EP US); **B65B 11/54** (2013.01 - EP US); **B65B 57/00** (2013.01 - EP US)

Citation (search report)
• [A] US 2012222393 A1 20120906 - VACCARI MASSIMILIANO [IT]
• [A] US 5014489 A 19910514 - TERMINELLA FRANK [US], et al
• [A] EP 0044820 A1 19820127 - PITTACUS AG [LI]
• [A] US 4827694 A 19890509 - OWEN DAVE L [US], et al
• See references of WO 2016129503A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3257760 A1 20171220; EP 3257760 A4 20180711; EP 3257760 B1 20190619; JP 2016145061 A 20160812; JP 6059747 B2 20170111;
US 2018016042 A1 20180118; WO 2016129503 A1 20160818

DOCDB simple family (application)
EP 16749147 A 20160204; JP 2015023459 A 20150209; JP 2016053407 W 20160204; US 201615549255 A 20160204