

Title (en)
MANUAL WRAPPING APPARATUS AND METHOD

Title (de)
MANUELLE VERPACKUNGSVORRICHTUNG UND VERFAHREN

Title (fr)
APPAREIL D'EMBALLAGE MANUEL ET MÉTHODE

Publication
EP 2993137 A1 20160309 (EN)

Application
EP 15176303 A 20150710

Priority
NL 2013413 A 20140904

Abstract (en)
A manual wrapping apparatus for wrapping a tray with a sealing film, the apparatus comprising: a lower frame (12) and an upper arm (14) hinged to the lower frame, the lower frame (12) comprising a tray receiving bracket (86) for receiving therein the tray, wherein the apparatus comprises a feeding system (44) with a feeding cam (50), provided with a feeding gear (52), that is connected to the upper arm (14), wherein at the feeding system rear portion (46) the sealing film passes between a film driving roll (56) and a film tightening roll (62), at the feeding system front portion (48) the sealing film passes between a front film driving roll (72) and a front film tightening roll (74), and, wherein movement of the upper arm (14) toward the lower frame (12), between an open position of the upper arm to a closed position of the upper arm, causes the feeding gear (52) to turn the feeding system rear portion (46) and the feeding system front portion (48) at the same amount thus feeding forwardly the sealing film at a constant and measured value.

IPC 8 full level
B65B 31/02 (2006.01); **B65B 7/16** (2006.01); **B65B 51/14** (2006.01)

CPC (source: EP)
B65B 7/164 (2013.01); **B65B 31/028** (2013.01); **B65B 51/148** (2013.01)

Citation (applicant)
• US 6912828 B1 20050705 - YAMAY YEHUDA [IL]
• WO 2012005678 A1 20120112 - INNOVATIVE DESIGN OF SCANDINAVIA AB [SE], et al

Citation (search report)
• [A] WO 2012005678 A1 20120112 - INNOVATIVE DESIGN OF SCANDINAVIA AB [SE], et al
• [A] DE 202005012064 U1 20051013 - LIAO YU CHI [TW]
• [A] FR 1356458 A 19640327 - AUGUSTE & DES MOUTIS ETS
• [A] CH 539541 A 19730731 - IWATANI & COMPANY LTD [JP]
• [A] FR 2157745 A1 19730608 - POITEVIN ETS, et al
• [A] FR 2621010 A1 19890331 - CREATIONS CONST MECA [FR]

Cited by
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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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2993137 A1 20160309; EP 2993137 B1 20171018; ES 2656103 T3 20180223; NL 2013413 B1 20160927

DOCDB simple family (application)
EP 15176303 A 20150710; ES 15176303 T 20150710; NL 2013413 A 20140904