

Title (en)
MACHINE FOR CARRYING OUT PALLETIZED PACKAGING

Title (de)
VORRICHTUNG ZUR DURCHFÜHRUNG VON PALLETIERTEM VERPACKEN

Title (fr)
MACHINE POUR LA RÉALISATION D'UN EMBALLAGE PALETTISÉ

Publication
EP 2915755 A1 20150909 (EN)

Application
EP 15156038 A 20150220

Priority
IT BO20140106 A 20140304

Abstract (en)
A machine for carrying out palletized package (P) comprising a load (C) supported by a support means (S) is provided with at least a wrapping device (100), a film rolling device (101) downstream the wrapping device (100) and, interposed between them (100, 101), an inserting device (102, 103) assigned to insert support means below a load. The wrapping device (100) comprises a first wrapping means (3) for wrapping a load (C) in almost vertical packaging film coils (B) and it comprises at least a horizontal first ring conveyor means (7) and assigned to support and to move through the first wrapping means (3) and along a forward direction, the load (C). Said first ring conveyor means (7) has a fixed end (8) upstream the first wrapping means (3) end a mobile end (9) translating through the first wrapping means (3). The inserting device (102, 103) comprises a transfer conveyor means (13) receiving from the first ring conveyor means (7) the wrapped load (C) and transferring the latter (C) onto respective transport means (27, 33) transporting and inserting a support means (S) below said load (C) carrying out a palletized package (P). The film rolling device (101) comprises a respective second wrapping means (17) similar to the wrapping device (3) and a forward conveyor means (21) receiving the palletized package (P) from the inserting device (102, 103) and sited close and upstream of the active zone of the second wrapping means (17). Said film rolling device (101) further comprises a translating conveyor means (24) sited downstream the forward conveyor means (21) and receiving from the latter (21) the palletized package (P). Said translating conveyor means (24) is connected to shift means moving it (24) between an adjacent condition where the translating conveyor means (24) is close to the forward conveyor means (21) and a spaced apart condition where said translating conveyor means (24) is spaced from the forward conveyor means (21).

IPC 8 full level
B65B 11/58 (2006.01); **B65B 11/00** (2006.01)

CPC (source: EP)
B65B 11/008 (2013.01); **B65B 11/585** (2013.01); **B65B 2210/16** (2013.01)

Citation (search report)
• [A] WO 2013072503 A1 20130523 - TOPPY S R L [IT], et al
• [A] EP 2322433 A1 20110518 - MOELLERS MASCHF GMBH [DE]
• [A] EP 2204323 A1 20100707 - AETNA GROUP SPA [IT]
• [A] DE 19955830 A1 20010523 - BOEHL GMBH H [DE]

Cited by
CN111792074A; CN114212292A; CN108023115A

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 2915755 A1 20150909

DOCDB simple family (application)
EP 15156038 A 20150220