

Title (en)  
APPARATUS FOR FORMING PACKAGES

Title (de)  
VORRICHTUNG ZUM BILDEN VON VERPACKUNGEN

Title (fr)  
APPAREIL POUR LA FORMATION DE PAQUETS

Publication  
**EP 4159627 A1 20230405 (EN)**

Application  
**EP 22198634 A 20220929**

Priority  
IT 202100025262 A 20211001

Abstract (en)  
An apparatus comprises:- an advancement device (4) for advancing in an advancement direction (F) a plurality of objects (2) to be packaged, wrapped in a tubular wrapper (27) of packaging material;- an upper presser device (38; 138) and a lower presser device (47);- a driving system for moving the upper presser device (38; 138) and the lower presser device (47) towards each other or away from each other, so that the upper presser device (38; 138) and the lower presser device (47) exert pressure on the packaging material to generate a transversal joint (39) or, alternatively, disengage from the packaging material;- a longitudinal movement device (67) for moving the upper presser device (38; 138) and the lower presser device (47) along the advancement direction (F) so that the upper presser device (38; 138) and the lower presser device (47) remain engaged with the packaging material while the packaging material is advancing in the advancement direction (F).The driving system comprises a first driving device (52) connected to the upper presser device (38; 138) and a second driving device (53) connected to the lower presser device (47), the first driving device (52) and the second driving device (53) being distinct from each other for moving the upper presser device (38; 138) and the lower presser device (47) transversally to the advancement direction (F) independently from each other.

IPC 8 full level  
**B65B 9/067** (2012.01); **B65B 51/30** (2006.01); **B65B 59/00** (2006.01); **B65B 61/06** (2006.01); **B65B 65/02** (2006.01)

CPC (source: EP)  
**B65B 9/067** (2013.01); **B65B 51/306** (2013.01); **B65B 59/001** (2019.04); **B65B 61/06** (2013.01); **B65B 65/02** (2013.01)

Citation (applicant)  
US 5666788 A 19970916 - TOLSON SIDNEY S [US]

Citation (search report)  
• [A] US 5666788 A 19970916 - TOLSON SIDNEY S [US]  
• [A] US 2007227102 A1 20071004 - PRATAIOLA ALESSANDRO [IT]

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4159627 A1 20230405**; IT 202100025262 A1 20230401

DOCDB simple family (application)  
**EP 22198634 A 20220929**; IT 202100025262 A 20211001