

Title (en)

METHOD AND DEVICE FOR HANDLING FLAT AND/OR FILM MATERIAL WOUND ON ROLLS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HANDHABUNG VON AUF ROLLEN GEWICKELTEM FLACH- UND/ODER FOLIENMATERIAL

Title (fr)

PROCÉDÉ ET DISPOSITIF DE MANIPULATION D'UN MATÉRIAU PLAT ET/OU EN FEUILLE ENROULÉ SUR DES ROULEAUX

Publication

EP 3212552 A1 20170906 (DE)

Application

EP 15785129 A 20151027

Priority

- DE 102014222170 A 20141030
- EP 2015074869 W 20151027

Abstract (en)

[origin: WO2016066643A1] The invention relates to a method and a device (12) for handling flat and/or film material (26) that is wound on rolls (14, 5) and can be used as a packaging material for packaging piece goods, packages or similar assemblies of articles. To maintain a packaging operation, an at least partially unwound and/or used up roll (15) is removed from at least one assembly position (EB1, EB2) of a packaging machine (10) and exchanged for a new roll (14) which comprises flat and/or film material (26). After each new roll (14) is positioned, the outermost layer (36) thereof is pulled out near to or in the region of its free end (50) and connected, particularly welded or adhesively bonded, to a section of a material web (26) being guided into a packaging line, in order to form an uninterrupted material web (26). Previously, simultaneously, or subsequently, the material web (26) pulled from said at least partially unwound and/or used roll (15) is separated from the material web (26) being guided into the packaging line. Prior to removal of said at least partially unwound and/or used roll (15) from the packaging machine (10), a material web remainder (27) which leads to a separation point is at least partially wound up on the at least partially unwound and/or used roll (15) by rotating said roll (15) back against an unwinding direction of rotation.

IPC 8 full level

B65H 19/18 (2006.01)

CPC (source: EP)

B65H 19/1852 (2013.01); **B65H 19/1873** (2013.01); **B65H 2301/4132** (2013.01); **B65H 2301/46115** (2013.01); **B65H 2403/942** (2013.01); **B65H 2701/124** (2013.01); **B65H 2801/81** (2013.01)

Citation (search report)

See references of WO 2016066643A1

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)

DE 102014222170 A1 20160504; CN 207998340 U 20181023; EP 3212552 A1 20170906; EP 3212552 B1 20190918; WO 2016066643 A1 20160506

DOCDB simple family (application)

DE 102014222170 A 20141030; CN 201590000891 U 20151027; EP 15785129 A 20151027; EP 2015074869 W 20151027