

Title (en)
PLANT AND PROCESS FOR PACKAGING PRODUCTS

Title (de)
VORRICHTUNG UND VERFAHREN ZUR VERPACKUNG VON PRODUKTEN

Title (fr)
INSTALLATION ET PROCEDE D'EMBALLAGE DE PRODUITS

Publication
EP 3724086 B1 20220810 (EN)

Application
EP 18827231 A 20181128

Priority
• IT 201700143920 A 20171213
• IB 2018059417 W 20181128

Abstract (en)
[origin: WO2019116134A1] The present invention is relative to a plant (100) for packaging products (P) arranged on a support (4), said plant comprising: a conveyor configured for moving a plurality of supports (4) along an advancement path (A); a plurality of packaging apparatuses (1), each configured for engaging a portion of a film (5a) with a support (4) for making a package (40); a transfer device (30) configured, in at least one operative condition, for transferring a support (4) from said conveyor (30) to a respective packaging apparatus (1). The transfer device (30) comprises: a guide (31) exhibiting a tract (T1) transverse to the advancement path (A) of the supports (4) and fixed with respect to said packaging apparatuses (1) at least when the transfer device (30) is in the operative condition; a displacement element (32) engaged with the guide (31) and configured for being moved, at least when the transfer device (30) is in said operative condition, along said tract (T1) and for intercepting a support (4) on the conveyor (20), moving it to the respective packaging apparatus (1). The present invention also regards a packaging process using said packaging plant.

IPC 8 full level
B65B 43/48 (2006.01); **B65B 7/16** (2006.01); **B65B 43/52** (2006.01)

CPC (source: EP KR US)
B65B 7/16 (2013.01 - EP KR); **B65B 7/2878** (2013.01 - US); **B65B 31/046** (2013.01 - US); **B65B 43/48** (2013.01 - EP KR US); **B65B 43/52** (2013.01 - EP KR US); **B65B 57/04** (2013.01 - KR); **B65B 57/08** (2013.01 - US); **B65B 65/003** (2013.01 - US)

Citation (examination)
• US 5001886 A 19910326 - TURTSCHAN ALFONS [DE]
• EP 0680880 A1 19951108 - MONDINI G SPA [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

DOCDB simple family (publication)
WO 2019116134 A1 20190620; BR 112020010811 A2 20201110; CN 111527030 A 20200811; EP 3724086 A1 20201021; EP 3724086 B1 20220810; ES 2926169 T3 20221024; KR 20200091460 A 20200730; US 2020369419 A1 20201126

DOCDB simple family (application)
IB 2018059417 W 20181128; BR 112020010811 A 20181128; CN 201880080601 A 20181128; EP 18827231 A 20181128; ES 18827231 T 20181128; KR 20207020157 A 20181128; US 201816771254 A 20181128