

Title (en)

PACKAGING MACHINE AND PRODUCT PACKAGING METHOD

Title (de)

VERPACKUNGSMASCHINE UND PRODUKTVERPACKUNGSVERFAHREN

Title (fr)

MACHINE D'EMBALLAGE ET PROCÉDÉ D'EMBALLAGE DE PRODUIT

Publication

EP 3847101 A1 20210714 (EN)

Application

EP 19783116 A 20190904

Priority

- IT 201800008350 A 20180904
- IB 2019057445 W 20190904

Abstract (en)

[origin: WO2020049476A1] A product packaging machine (1) with extendible film is provided with a distributing unit (9) arranged for dispensing a portion of said continuous extendible film and a rear gripper unit (8) arranged for cooperating with said distributing unit (9) to spread said portion of said extendible film along an operating direction (B) in a wrapping zone (3) inside the packaging machine (1) and further comprises two side gripper units (11, 12) that are movable towards and away from one another along a direction (FI) that is transverse to Operating direction (B) to grasp the extendible film laterally and arrange the extendible film below a product (10) to be wrapped, each of said side gripper units (11, 12) comprising a plurality of grippers, each gripper (13) having an upper jaw and a lower jaw, in which at least either said upper jaw or said lower jaw comprises a contact surface (14A, 15 A) arranged for interacting with the extendible film and having a width (D) that is greater than 50 mm measured along the operating direction (B).

IPC 8 full level

B65B 11/54 (2006.01)

CPC (source: EP KR US)

B65B 11/008 (2013.01 - US); **B65B 11/54** (2013.01 - EP KR); **B65B 41/14** (2013.01 - KR US)

Citation (search report)

See references of WO 2020049476A1

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)

WO 2020049476 A1 20200312; CN 113165758 A 20210723; EP 3847101 A1 20210714; KR 20210053298 A 20210511; US 2021253283 A1 20210819

DOCDB simple family (application)

IB 2019057445 W 20190904; CN 201980070636 A 20190904; EP 19783116 A 20190904; KR 20217007800 A 20190904; US 201917273575 A 20190904