

Title (en)

Deep draw packaging machine with integrated product supply

Title (de)

Tiefziehverpackungsmaschine mit integrierter Produktzuführung

Title (fr)

Machine d'emballage par emboutissage dotée d'une arrivée de produits intégrée

Publication

EP 2778079 B1 20150902 (DE)

Application

EP 13159281 A 20130314

Priority

EP 13159281 A 20130314

Abstract (en)

[origin: EP2778079A1] The machine (1) comprises a product feeder (9) that is arranged partially parallel to a loading stretch(6). A chain guide for a film clamp chain is attached to an inner side of a side panel. The side panel is located along the loading stretchsuch that a portion of the product feeder with a curved belt (9a) is formed at an inner side wall. Multiple axles and/or spacers are provided as connecting elements between the side panel and an outer sidewall of the product feeder.

IPC 8 full level

B65B 35/24 (2006.01); **B65B 5/12** (2006.01); **B65B 35/16** (2006.01); **B65B 41/12** (2006.01); **B65B 47/00** (2006.01)

CPC (source: EP US)

B65B 5/026 (2013.01 - US); **B65B 35/24** (2013.01 - EP US); **B65B 5/12** (2013.01 - EP US); **B65B 35/16** (2013.01 - EP US); **B65B 41/12** (2013.01 - EP US); **B65B 47/00** (2013.01 - EP US)

Cited by

CN105620799A; EP3088307A1; US10689141B2; EP3315420A1; US10689136B2; EP3315423A1; US10683111B2

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)

EP 2778079 A1 20140917; **EP 2778079 B1 20150902**; DK 2778079 T3 20151130; DK 2778079 T5 20151207; US 2014260123 A1 20140918; US 9604741 B2 20170328

DOCDB simple family (application)

EP 13159281 A 20130314; DK 13159281 T 20130314; US 201414209935 A 20140313