

Title (en)

DEEP DRAW PACKAGING MACHINE AND METHOD FOR OPERATING THE SAME

Title (de)

TIEFZIEHVERPACKUNGSMASCHINE UND VERFAHREN ZUM BETREIBEN EINER TIEFZIEHVERPACKUNGSMASCHINE

Title (fr)

MACHINE D'EMBALLAGE PAR EMBOUTISSAGE ET PROCÉDÉ DE FONCTIONNEMENT D'UNE MACHINE D'EMBALLAGE PAR EMBOUTISSAGE

Publication

EP 3476753 B1 20220629 (DE)

Application

EP 18202185 A 20181024

Priority

DE 102017125077 A 20171026

Abstract (en)

[origin: US2019127101A1] A thermoform packaging machine comprising, as work stations, a forming station for thermoforming troughs in a packaging film, at least one sealing station for sealing the troughs with a cover film, and a cutting station as well as a feeding device for causing a feed of the packaging film. A method for using such a thermoform packaging machine wherein a controller determines for two or more work stations, prior to a process step, which required feed length each of these work stations has, the required feed length indicating the distance by which the packaging film will have to be conveyed for the next process step of the respective work station, before a feed length specification is ascertained from the required feed lengths determined and the feeding device is controlled accordingly.

IPC 8 full level

B65B 41/18 (2006.01); **B26D 5/00** (2006.01); **B26D 5/08** (2006.01); **B26F 1/14** (2006.01); **B26F 1/44** (2006.01); **B65B 9/04** (2006.01); **B65B 57/04** (2006.01); **B65B 59/00** (2006.01); **B65B 59/02** (2006.01); **B65B 7/16** (2006.01); **B65B 31/02** (2006.01); **B65B 47/00** (2006.01)

CPC (source: EP US)

B26D 5/08 (2013.01 - EP); **B26F 1/14** (2013.01 - EP); **B26F 1/44** (2013.01 - EP); **B65B 9/04** (2013.01 - EP US); **B65B 31/021** (2013.01 - EP US); **B65B 41/18** (2013.01 - EP US); **B65B 57/04** (2013.01 - EP US); **B65B 59/003** (2019.04 - EP US); **B65B 59/005** (2013.01 - EP US); **B65B 59/02** (2013.01 - EP US); **B26D 5/005** (2013.01 - EP); **B26F 2001/4427** (2013.01 - EP); **B26F 2001/4463** (2013.01 - EP); **B26F 2001/4472** (2013.01 - EP); **B65B 7/164** (2013.01 - EP US); **B65B 47/00** (2013.01 - EP US)

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 3476753 A1 20190501; **EP 3476753 B1 20220629**; CN 109703828 A 20190503; CN 109703828 B 20210903; DE 102017125077 A1 20190502; ES 2924651 T3 20221010; US 11008122 B2 20210518; US 2019127101 A1 20190502

DOCDB simple family (application)

EP 18202185 A 20181024; CN 201811255368 A 20181026; DE 102017125077 A 20171026; ES 18202185 T 20181024; US 201816168928 A 20181024