

Title (en)

PACKAGING MACHINE WITH STACKABLE SAFETY COVERS

Title (de)

VERPACKUNGSMASCHINE MIT STAPELBAREN SCHUTZABDECKUNGEN

Title (fr)

MACHINE D'EMBALLAGE À COUVERCLES DE PROTECTION EMPILABLES

Publication

**EP 3381820 B1 20190911 (DE)**

Application

**EP 18161359 A 20180313**

Priority

DE 102017106898 A 20170330

Abstract (en)

[origin: US2018282005A1] A packaging machine comprising a sealing station with a sealing tool, a side frame and at least a first as well as a second upper protective cover respectively for placement onto a top side of the side frame during the manufacturing operations, wherein each of the two protective covers form a body with a lid, multiple side walls as well as a bottom. In one embodiment, the two protective covers can be stacked on one another, wherein at least one of the two protective covers forms at least one stack stop on the lid to which an edge of the floor of the other protective cover can be coupled in a removable way if the two protective covers are stacked on top of one another. In one embodiment, the packaging machine may be a deep-drawing packaging machine or a tray-sealing machine.

IPC 8 full level

**B65B 57/00** (2006.01); **B65B 7/16** (2006.01); **B65B 9/04** (2006.01); **B65B 31/02** (2006.01); **B65B 59/04** (2006.01)

CPC (source: EP US)

**B65B 7/162** (2013.01 - US); **B65B 9/04** (2013.01 - EP US); **B65B 31/028** (2013.01 - US); **B65B 57/005** (2013.01 - EP US);  
**B65B 59/04** (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 3381820 A1 20181003**; **EP 3381820 B1 20190911**; DE 102017106898 A1 20181004; DE 102017106898 B4 20230302;  
ES 2761856 T3 20200521; US 10899486 B2 20210126; US 2018282005 A1 20181004

DOCDB simple family (application)

**EP 18161359 A 20180313**; DE 102017106898 A 20170330; ES 18161359 T 20180313; US 201815939169 A 20180328