

Title (en)
Cutting station with cutting unit

Title (de)
Schneidstation mit Komplettschnittwerkzeug

Title (fr)
Station de découpage avec unité de découpage

Publication
EP 2520500 A1 20121107 (DE)

Application
EP 12003140 A 20120502

Priority
DE 102011100784 A 20110506

Abstract (en)
The thermo-forming packaging machine (1) has chain guides for guiding a transport chain for a web-shaped material (8) and a cutting station (5). The cutting station has a complete cutting tool (4). The complete cutting tool is removed from the thermo-forming packaging machine in a direction of production (P). The chain guides are arranged in a region of the cutting station in the direction of production. A chain deflection wheel provided at an end of each chain guide in the direction of production.

Abstract (de)
Die Erfindung bezieht sich auf eine Tiefziehverpackungsmaschine (1) mit einer Schneidstation (5) und einem Komplettschnittwerkzeug (4), wobei die Tiefziehverpackungsmaschine (1) so gestaltet ist, dass das Komplettschnittwerkzeug (4) entgegen der Produktionsrichtung (P) herausnehmbar ausgeführt ist.

IPC 8 full level
B31B 50/64 (2017.01); **B65B 9/04** (2006.01); **B65B 59/04** (2006.01); **B65B 61/06** (2006.01); **B65B 31/00** (2006.01); **B65B 61/28** (2006.01)

CPC (source: EP US)
B26F 1/40 (2013.01 - EP US); **B65B 9/04** (2013.01 - EP US); **B65B 59/04** (2013.01 - EP US); **B65B 61/06** (2013.01 - EP US); **B26D 7/0633** (2013.01 - EP US); **B26F 2210/06** (2013.01 - EP US); **B65B 31/00** (2013.01 - EP US); **B65B 61/28** (2013.01 - EP US)

Citation (search report)

- [X] WO 0128865 A1 20010426 - SPC LTD [AU], et al
- [X] DE 3118946 A1 19821216 - KRAEMER & GREBE KG [DE]
- [I] WO 2010064125 A2 20100610 - SOREMARTEC SA [BE], et al

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DE102023108015A1

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)
EP 2520500 A1 20121107; **EP 2520500 B1 20150930**; CN 102774541 A 20121114; DE 102011100784 A1 20121108; ES 2551416 T3 20151118; US 2012283083 A1 20121108; US 9580193 B2 20170228

DOCDB simple family (application)
EP 12003140 A 20120502; CN 201210139212 A 20120507; DE 102011100784 A 20110506; ES 12003140 T 20120502; US 201213463866 A 20120504