

Title (en)

PACKAGING MACHINE HAVING A TOOL CHANGING SYSTEM

Title (de)

VERPACKUNGSMASCHINE MIT EINEM WERKZEUGWECHSELSYSTEM

Title (fr)

MACHINE D'EMBALLAGE COMPRENANT UN SYSTÈME DE CHANGEMENT D'OUTIL

Publication

EP 2925613 A1 20151007 (DE)

Application

EP 13798991 A 20131126

Priority

- DE 102012111497 A 20121127
- EP 2013074715 W 20131126

Abstract (en)

[origin: WO2014082991A1] The invention relates to a packaging machine, comprising a forming station, which has a deep-drawing punch, by means of which a film web is deep-drawn, wherein the deep-drawing punch is provided directly or indirectly on a drive, which moves the deep-drawing punch back and forth between two positions. The invention further relates to a method for installing a deep-drawing punch of a packaging machine on a drive or removing said deep-drawing punch from said drive.

IPC 8 full level

B65B 47/00 (2006.01); **B29C 33/30** (2006.01); **B29C 51/18** (2006.01); **B29C 51/26** (2006.01); **B65B 59/04** (2006.01)

CPC (source: CN EP US)

B23P 19/04 (2013.01 - US); **B29C 33/306** (2013.01 - CN EP US); **B29C 51/26** (2013.01 - CN EP US); **B29C 51/261** (2013.01 - US); **B65B 47/00** (2013.01 - CN EP US); **B65B 59/04** (2013.01 - CN EP US); **B29C 51/082** (2013.01 - CN EP US); **B29C 51/30** (2013.01 - CN EP US); **Y10T 29/49824** (2015.01 - EP US); **Y10T 29/49828** (2015.01 - EP US)

Citation (search report)

See references of WO 2014082991A1

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)

DE 102012111497 A1 20140528; CN 104870318 A 20150826; CN 104870318 B 20170301; EP 2925613 A1 20151007; US 2015314519 A1 20151105; WO 2014082991 A1 20140605

DOCDB simple family (application)

DE 102012111497 A 20121127; CN 201380061880 A 20131126; EP 13798991 A 20131126; EP 2013074715 W 20131126; US 201314647229 A 20131126