

Title (en)

PACKAGING MACHINE HAVING A SEALING MEANS

Title (de)

VERPACKUNGSMASCHINE MIT EINEM SIEGELMITTEL

Title (fr)

MACHINE DE CONDITIONNEMENT DOTÉE D'UN MOYEN DE SCELLAGE

Publication

EP 3007982 B1 20170405 (DE)

Application

EP 14728556 A 20140604

Priority

- DE 102013210919 A 20130612
- EP 2014061623 W 20140604

Abstract (en)

[origin: WO2014198613A1] The present invention relates to a packaging machine comprising a sealing station which uses a sealing means to join an upper film web to a lower film web by sealing, said sealing means having at least one opening which is connected to a vacuum source and/or a source of substitute gas. The present invention also relates to a sealing frame.

IPC 8 full level

B65B 9/04 (2006.01); **B65B 31/02** (2006.01); **B65B 31/04** (2006.01); **B65B 47/00** (2006.01); **B65B 47/04** (2006.01); **B65B 61/06** (2006.01)

CPC (source: EP RU US)

B65B 9/04 (2013.01 - EP US); **B65B 31/00** (2013.01 - RU); **B65B 31/028** (2013.01 - EP US); **B65B 31/04** (2013.01 - RU); **B65B 31/046** (2013.01 - US); **B65B 47/04** (2013.01 - US); **B65B 61/06** (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)

WO 2014198613 A1 20141218; BR 112015030694 A2 20170725; CN 105408212 A 20160316; EP 3007982 A1 20160420; EP 3007982 B1 20170405; ES 2632249 T3 20170912; MX 2015016870 A 20160407; RU 2016100208 A 20170717; RU 2652160 C2 20180425; US 2016130024 A1 20160512

DOCDB simple family (application)

EP 2014061623 W 20140604; BR 112015030694 A 20140604; CN 201480033650 A 20140604; EP 14728556 A 20140604; ES 14728556 T 20140604; MX 2015016870 A 20140604; RU 2016100208 A 20140604; US 201414897276 A 20140604