

Title (en)

Opening device for the opening of a bag section of a film sheet in a bag filling installation

Title (de)

Öffnungsvorrichtung für das Öffnen eines Sackabschnitts einer Folienbahn in einer Sackfüllanlage

Title (fr)

Dispositif d'ouverture pour l'ouverture d'une section de sac d'une bande de feuille dans une installation d'ensachage

Publication

EP 2810880 B1 20180131 (DE)

Application

EP 14166131 A 20140428

Priority

DE 102013105755 A 20130604

Abstract (en)

[origin: US2014352255A1] The invention relates to an opening device (10) for opening a bag section (210) of a film web (200) in a bag filling plant (100) for filling in bulk goods, comprising a suction device (20) for suctioning the two sides (212, 214) of the bag section (200) with an articulately supported first suction cup (22) on the first side (212) of the bag section (210) and an articulately supported second suction cup (24) on the second side (214) of the bag section (200), with at least one of the suction cups (22, 24) being arranged acute-angled in reference to the respective side (212, 214) of the bag sections (200).

IPC 8 full level

B65B 43/30 (2006.01); **B65B 1/06** (2006.01); **B65B 43/26** (2006.01)

CPC (source: EP US)

B65B 43/267 (2013.01 - US); **B65B 43/30** (2013.01 - EP US); **B31B 70/003** (2017.07 - EP US); **B65B 1/06** (2013.01 - EP US)

Citation (examination)

US 2008000198 A1 20080103 - SETOZAKI MASAKAZU [JP]

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 2810880 A1 20141210; EP 2810880 B1 20180131; DE 102013105755 A1 20141204; DE 102013105755 B4 20240111;
ES 2660218 T3 20180321; PL 2810880 T3 20180530; US 2014352255 A1 20141204

DOCDB simple family (application)

EP 14166131 A 20140428; DE 102013105755 A 20130604; ES 14166131 T 20140428; PL 14166131 T 20140428;
US 201414293204 A 20140602