

Title (en)
VACUUM PAD AND LABELING MACHINE

Title (de)
VAKUUMPAD SOWIE ETIKETTIERAGGREGAT

Title (fr)
VENTOUSE À ASPIRATION ET GROUPE D'ÉTIQUETAGE

Publication
EP 2342137 B1 20160224 (DE)

Application
EP 09778471 A 20090911

Priority
• EP 2009006592 W 20090911
• DE 102008053513 A 20081028

Abstract (en)
[origin: WO2010049033A1] The invention relates to a vacuum pad for use on vacuum drums (8) of labeling machines for labeling bottles or like containers (2) with labels (3), having a plurality of vacuum openings (10) provided at least on a partial area (21, 21a) of the vacuum pad (9, 9a) and formed by channels (37, 38) that can have a vacuum applied thereto in the at least one partial area (21, 21a), characterized in that the vacuum pad (9, 9a) is manufactured of a transparent material, such as a transparent plastic, at least in the partial area (21, 21a) comprising the vacuum openings and the channels (37, 38).

IPC 8 full level
B65C 9/18 (2006.01)

CPC (source: EP US)
B65C 9/1819 (2013.01 - EP US); **Y10T 156/17** (2015.01 - EP US)

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
DE 102008053513 A1 20100429; EP 2342137 A1 20110713; EP 2342137 B1 20160224; ES 2564630 T3 20160328; PL 2342137 T3 20160831; US 2011168334 A1 20110714; US 8844601 B2 20140930; WO 2010049033 A1 20100506

DOCDB simple family (application)
DE 102008053513 A 20081028; EP 09778471 A 20090911; EP 2009006592 W 20090911; ES 09778471 T 20090911; PL 09778471 T 20090911; US 200913120172 A 20090911