

PatBase - Search results 21 February 2018
Search query (1): TAC=(pack* and lollipop and transfer 1w wheel)
Results: 2

Search history

Search 1: TAC=(pack* and lollipop and transfer 1w wheel) (Results 2)

Title: PACKAGING MACHINE FOR LOLLIPOPS AND OTHER CONFECTIONERY

Abstract: Source: US2009019820A Packaging machine for packaging lollipops provided with a stick and a head in a film/foil sheet, comprising a rotatably driven drum having a series of lollipop holders thereon, the drum furthermore being provided with a series of film/foil folding means for folding a respective film/foil sheet around the head around a longitudinal centre axis substantially parallel to the stick, the device furthermore comprising a series of twisters for twisting a film/foil tube section protruding in the longitudinal direction of the lollipop head while continuing to clamp the lollipop head and while the drum continues to rotate.

Classifications:

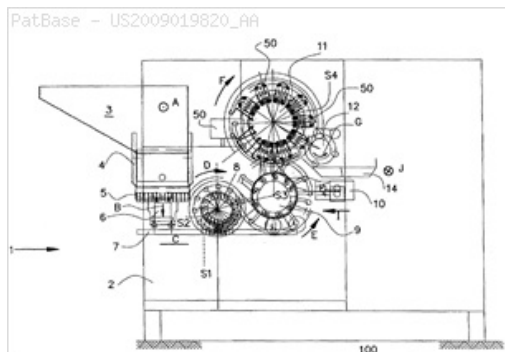
International (IPC 8-9): B65B11/00 B65B11/24 B65B11/34
B65B11/54 B65B25/00 B65B49/12 B65B51/00 (Advanced/Invention);
B65B11/00 B65B11/06 B65B25/00 B65B51/00 (Core/Invention);
B65B (Subclass/Invention)

International (IPC 1-7): B65B11/34 B65B25/0 B65B51/0

CPC: B65B51/00 B65B11/34 B65B25/006

European: B65B11/34 B65B25/00D1 B65B51/00

US: 53/234 53/370 53/594



Family:

Publication number	Publication date	Application number	Application date
AR053218 AA	20070425	AR2006P101474	20060412
AT512057 E	20110615	AT20060725551T	20060404
BRPI0610637 A2	20100713	BR2006PI10637	20060404
CL2006000831 A1	20060908	CL20060000831	20060412
DE602006022375 D1	20110721	DE200660022375T	20060404
DE602006043333 D1	20141120	DE200660043333T	20060404
EP1874630 A1	20080109	EP20060725551	20060404
EP1874630 B1	20110608	EP20060725551	20060404
EP1874630 B2	20160127	EP20060725551	20060404
EP2364915 A1	20110914	EP20110002285	20060404
EP2364915 B1	20141008	EP20110002285	20060404
ES2365407 T3	20111004	ES20060725551T	20060404
ES2365407 T5	20160422	ES20060725551T	20060404
ES2527003 T3	20150119	ES20110002285T	20060404
NL1028768 C2	20061017	NL20051028768	20050414
TW200702240 A	20070116	TW20060112932	20060412
US2009019820 AA	20090122	US20060911295	20060404
US7730699 BB	20100608	US20060911295	20060404
WO06108782 A1	20061019	WO2006EP61315	20060404
ZA200709023 A	20090128	ZA20070009023	20060404

Priority:

EP20060725551 20060404 EP20110002285 20060404 WO2006EP61315 20060404
NL20051028768 20050414

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Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: **TRANSFER WHEEL** BETWEEN A LOLLIPOP FORMING AND A LOLLIPOP WRAPPING UNIT

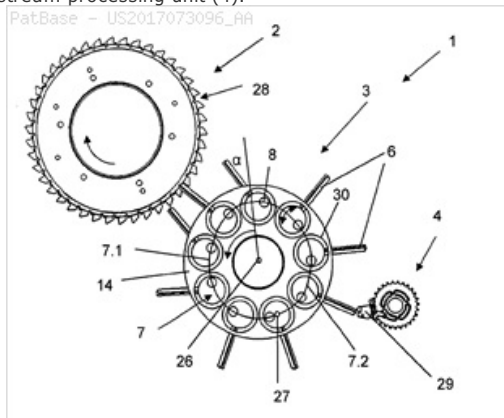
Abstract: Source: US2017073096A The present invention relates to a lollipop production and down-stream processing apparatus (1) with a forming unit (2) and a down-stream processing unit (4) and a **transfer wheel** (3) in between the units (2,4) which rotates around a first axis (26) and which comprises a multitude of grippers (6) which releasably hold the stick of the lollipop and which rotate relative to the **transfer wheel** (3) around a second axis of rotation (27) parallel to the first axis of rotation (26). The present invention further relates to a method to transfer a lollipop from a forming unit (2) to a down-stream processing unit (4) by means of a **transfer wheel** (3) which rotates around an axis of rotation (26) and which comprises a multitude of grippers (6), each gripping the stick of a lollipop and taking it out of the holding means of the forming unit (2) and handing it over to the holding means of a down-stream processing unit (4).

Classifications:

International (IPC 8-9): A23G3/12 A23G3/56 A23G7/00 B65B25/00 B65B35/16 B65B35/26 B65B35/58 B65G47/86 (Advanced/Invention); A23G3/12 A23G3/56 (Advanced/Non-invention); B65B25/00 (Core/Invention)

CPC: A23G3/125 A23G7/0031 A23G7/0081 A23G3/563 B65B35/26 B65B25/006 B65B35/16 B65B35/58

US: 426/421



Family:

Publication number	Publication date	Application number	Application date
CN106255418 A	20161221	CN201580022221	20150519
CO20160004272 A2	20170310	CO20160004272	20161118
EP3145815 A1	20170329	EP20150722549	20150519
MX2016014840 A1	20170530	MX20160014840	20150519
US2017073096 AA	20170316	US20150311295	20150519
WO15177111 A1	20151126	WO2015EP60941	20150519

Priority:

EP20140169067 20140520 WO2015EP60941 20150519

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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW