

Title (en)
Labelling machine

Title (de)
Etikettiermaschine

Title (fr)
Machine d'étiquetage

Publication
EP 1561690 B1 20070801 (DE)

Application
EP 05002210 A 20050203

Priority
DE 102004005994 A 20040206

Abstract (en)
[origin: EP1561690A1] The labeling machine for bottles, cans or cartons has a label applying unit which is fitted with a drive (19) which allows multidimensional movement. This includes raising and lowering, forward and backward movement, left and right movement and lateral and transverse tipping.

IPC 8 full level
B65C 9/08 (2006.01); **B65C 9/40** (2006.01); **B65C 3/14** (2006.01); **B65C 9/00** (2006.01); **B65C 9/04** (2006.01); **B65G 47/84** (2006.01); **B65G 47/86** (2006.01)

CPC (source: EP US)
B65C 3/14 (2013.01 - EP US); **B65C 9/0062** (2013.01 - EP US); **B65C 9/045** (2013.01 - EP US); **B65C 9/40** (2013.01 - EP US); **B65C 2009/407** (2013.01 - EP US); **Y10T 156/17** (2015.01 - EP US)

Cited by
DE102009035924A1; EP2157021A1; EP1939096A1; EP2845814A1; CN108146736A; DE202009012064U1; EP2832651A1; IT201900006999A1; US8052814B2; US10399726B2; WO2007025592A1; WO2018097847A1; WO2020234747A1; WO2015032548A1; US8336594B2; US9815637B2; EP3858750A1; DE102020102550A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1561690 A1 20050810; EP 1561690 B1 20070801; AT E368620 T1 20070815; DE 102004005994 A1 20050908; DE 502005001117 D1 20070913; JP 2005219815 A 20050818; PL 1561690 T3 20071231; RU 2005103026 A 20060720; RU 2368553 C2 20090927; US 2005188655 A1 20050901; US 2009173450 A1 20090709; US 7509786 B2 20090331

DOCDB simple family (application)
EP 05002210 A 20050203; AT 05002210 T 20050203; DE 102004005994 A 20040206; DE 502005001117 T 20050203; JP 2005030213 A 20050207; PL 05002210 T 20050203; RU 2005103026 A 20050207; US 40038709 A 20090309; US 5199905 A 20050204