

Title (en)
Labelling machine

Title (de)
Etikettierungsgerät

Title (fr)
Machine d'étiquetage

Publication
EP 2022722 A1 20090211 (EN)

Application
EP 08013726 A 20080731

Priority
IT MI20071664 A 20070809

Abstract (en)
A machine for printing and applying labels on containers, comprising: - a reel (1) of adhesive tape (5) from which the labels are formed; - an unwinding system of the reel (1) comprising at least an unwinding roll (8) and a tensioning device (9) of tape (5); - optionally a photocell (4) between the unwinding system of the reel (1) and the printing group; - a tape (5) adhesivized on the internal side of reel (1); - a printing group (3) comprising a printing system formed of a printing head (3b) and a rotating driving roll (3a) for the tape (5) that cyclically inverts its rotation direction; - cutting system (2) comprising: - a cutting blade (2a); - a counterblade (2b); - an applying pad (6); wherein: - between the roll (3a) and the counterblade (2b) a lamina (16) is inserted perpendicularly to the longitudinal axis of roll (3a), one end of said lamina being one end positioned near the upper edge of the counterblade (2b) and the opposite end near the roll (3a).

IPC 8 full level
B65C 9/18 (2006.01)

CPC (source: EP)
B65C 9/1826 (2013.01); **B65C 2009/1861** (2013.01)

Citation (applicant)
EP 1447333 A1 20040818 - IRPLAST SPA [IT]

Citation (search report)

- [DA] EP 1447333 A1 20040818 - IRPLAST SPA [IT]
- [A] DE 1251209 B
- [A] WO 9610489 A1 19960411 - MOORE BUSINESS FORMS INC [US]
- [A] WO 9613435 A1 19960509 - BOOTH MFG CO [US]

Citation (third parties)
Third party :

- EP 1447333 A1 20040818 - IRPLAST SPA [IT]
- US 6585437 B1 20030701 - WIKLOF CHRISTOPHER A [US], et al
- US 7186043 B2 20070306 - KELLER THOMAS PATRICK [US]
- EP 1407994 A1 20040414 - PAXAR AMERICAS INC [US]
- US 3955889 A 19760511 - ISHIGURO TSUTOMU, et al
- US 4451169 A 19840529 - UMEZAWA MICHIO [JP]

Cited by
ITBO20090827A1; ITVR20120006A1; WO2011077374A3

Designated contracting state (EPC)
GB IT

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2022722 A1 20090211; EP 2022722 B1 20130109; IT MI20071664 A1 20090210

DOCDB simple family (application)
EP 08013726 A 20080731; IT MI20071664 A 20070809