

Title (en)  
Labelling machine

Title (de)  
Etikettiergerät

Title (fr)  
Machine d'étiquetage

Publication  
**EP 1884471 A1 20080206 (EN)**

Application  
**EP 07014325 A 20070720**

Priority  
IT MI20061562 A 20060803

Abstract (en)  
A machine for the application of adhesivized, preprinted or non preprinted labels on containers of various shapes moving along a belt or conveyor line, comprising: - a reel (1) of tape (5) adhesivized on the internal side of the reel, which can be preprinted or non preprinted, from which labels are cut; - a reel unwinding system (1) comprising at least a motor driven unwinding roll (6) and a tensioning device (3) of the tape (5); - a photocell (4) for reading the label repetition length; - a driving system (9) of the tape (5) formed of at least a motorized driving roll; - a cutting system (2) constituted by: - a cutting blade (2a) moving perpendicularly to the tape (5) direction from which labels are cut; - a counterblade (2b); the blade and counterblade surfaces being coated by solid antiadhesives; - a conveyor belt (7), on the surface thereof openings have been made; said openings being connected to a vacuum line; - a photocell (8) positioned at the end of the conveyor belt (7) wherein the label is applied on the container; - a conveyor belt (16) having the same structure as the conveyor belt (7), which on the side faced to the container conveyor line incorporates a regulating system (17); - a contrast plane (11) made of elastic material, supported by a rigid support (19), parallel to the conveyor belt (16) and incorporating a regulation system (18).

IPC 8 full level  
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**B65C 9/1815** (2013.01); **B65C 9/34** (2013.01); **B65C 9/40** (2013.01); **B65C 9/44** (2013.01); **B65C 2009/1861** (2013.01)

Citation (applicant)  
• IT 1347890 B1  
• EP 1621465 A2 20060201 - BOEWE BELL & HOWELL [US]

Citation (search report)  
• [A] EP 1621465 A2 20060201 - BOEWE BELL & HOWELL [US]  
• [A] WO 03086873 A1 20031023 - 3M INNOVATIVE PROPERTIES CO [US], et al  
• [A] WO 03076274 A1 20030918 - EXPRESS LABELLING SYSTEMS AS [DK], et al  
• [A] US 4544431 A 19851001 - KING GEORGE W [CA]  
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• [A] EP 0370642 A1 19900530 - WADDINGTON JOHN PLC [GB]  
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DE ES FR GB IT

Designated extension state (EPC)  
AL BA HR MK YU

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**EP 1884471 A1 20080206**; **EP 1884471 B1 20110907**; ES 2372465 T3 20120120; IT MI20061562 A1 20080204

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