

Title (en)  
LABELLING DEVICE USING PRINT CHECKING MEANS

Publication  
**EP 0287018 B1 19930728 (DE)**

Application  
**EP 88105747 A 19880411**

Priority  
DE 3712554 A 19870413

Abstract (en)  
[origin: JPS649143A] PURPOSE: To make possible monitoring for printer's malfunction by locating a reading head between a printer and a gripping cylinder to check the printing mechanism. CONSTITUTION: Reading head 10 is placed between a printer 8 and a gripping cylinder 5 to check for printer's 8 correct output to a specified area. If the reading head 10 is, for example, a camera, then checking can be done either for only correct printout or for both printout and print description. Removing pallet and the removed label can move precisely along the track, making it possible to monitor the operation of the printer 8. When the reading head 10 detects the inexistence of printout at the specified area, the output can be controlled through the signal wire 9.

IPC 1-7  
**B65C 9/16**; **B65C 9/40**; **B65C 9/46**

IPC 8 full level  
**B65C 9/16** (2006.01); **B65C 9/40** (2006.01); **B65C 9/44** (2006.01); **B65C 9/46** (2006.01)

CPC (source: EP US)  
**B65C 9/16** (2013.01 - EP US); **B65C 9/40** (2013.01 - EP US); **B65C 9/46** (2013.01 - EP US); **Y10T 156/1768** (2015.01 - EP US); **Y10T 156/1773** (2015.01 - EP US)

Cited by  
CN104237250A; EP1038781A1; US8711350B2; WO2010040512A1

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**EP 0287018 A2 19881019**; **EP 0287018 A3 19890614**; **EP 0287018 B1 19930728**; DE 3712554 A1 19881103; DE 3882568 D1 19930902; ES 2041727 T3 19931201; JP 2539882 B2 19961002; JP S649143 A 19890112; US 4844769 A 19890704

DOCDB simple family (application)  
**EP 88105747 A 19880411**; DE 3712554 A 19870413; DE 3882568 T 19880411; ES 88105747 T 19880411; JP 8888588 A 19880411; US 17950888 A 19880408