

Title (en)

CONTROL DEVICE FOR ROTARY PRINTING MACHINES

Publication

EP 0243811 B1 19921209 (DE)

Application

EP 87105648 A 19870416

Priority

DE 3614744 A 19860430

Abstract (en)

[origin: US4812842A] A wireless control device for a large printing machine includes at least one portable hand unit having a transmitter, and a plurality of push buttons for selecting a desired command to be sent to one of a plurality of electronic control units associated with the printing machine. The commands are transmitted, by electromagnetic radiation, such as infrared waves, or by ultrasonic waves, to receiving and decoding units that are connected to each of the control units. To insure that the control units are not inadvertently actuated, signal verification circuiting can be provided. This circuitry enables a signal received by one of the receiving and decoding units to be retransmitted back to the hand unit, where it is compared with the original signal in the transmitter, to insure that the two coincide. A speech analysis system can be employed with the device to enable commands to be entered verbally.

IPC 1-7

B41F 33/00

IPC 8 full level

H04Q 9/00 (2006.01); **B41F 33/00** (2006.01)

CPC (source: EP US)

B41F 33/00 (2013.01 - EP US); **B41F 33/02** (2013.01 - EP); **Y10S 101/47** (2013.01 - EP US)

Citation (examination)

- DE 3509633 A1 19860109 - HEIDELBERGER DRUCKMASCH AG [DE]
- DE 2337157 C2 19830601

Cited by

EP2090437A3; GB2217544A; EP1616697A3; FR2800007A1; EP1815986A3; DE102021107984A1; WO2009127465A1; WO2008028738A1; WO2005007408A3; EP2660672A2; US7549372B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0243811 A2 19871104; **EP 0243811 A3 19890809**; **EP 0243811 B1 19921209**; DE 3614744 A1 19871105; DE 3614744 C2 19941110; DE 3782965 D1 19930121; JP S62268646 A 19871121; US 4812842 A 19890314

DOCDB simple family (application)

EP 87105648 A 19870416; DE 3614744 A 19860430; DE 3782965 T 19870416; JP 10489887 A 19870430; US 4351487 A 19870428