

Title (en)
DEVICE FOR CONTROLLING THE WORKING CONDITION OF AN INK RIBBON OF A CARTRIDGE

Publication
EP 0061577 B1 19841227 (DE)

Application
EP 82101241 A 19820218

Priority
DE 8108981 U 19810327

Abstract (en)
[origin: US4407593A] An arrangement for monitoring the operation of the ink ribbon (2) of an ink-ribbon magazine (1) for electromechanical print units or print mechanisms comprises contacts (12,6) on the ink-ribbon magazine (1) on either side of the ink ribbon's path (4) and intended to lie against the ink ribbon (2), and opposite contacts (7,8) on the print unit which, when the ink ribbon magazine (1) is inserted, are in contact with the contacts (21,6) of the later and are connected electrically to a function or malfunction indication (10). When holes or tears occur on the ink ribbon (2), the contacts (12,6) on the ink-ribbon magazine (1) come in contact with one another and thereby set off a signal which can be used to switch off the print unit and/or for a malfunction indication.

IPC 1-7
B41J 35/36

IPC 8 full level
B41J 35/28 (2006.01); **B41J 35/36** (2006.01)

CPC (source: EP US)
B41J 35/36 (2013.01 - EP US)

Designated contracting state (EPC)
AT CH FR IT LI NL SE

DOCDB simple family (publication)
EP 0061577 A1 19821006; EP 0061577 B1 19841227; AT E10920 T1 19850115; DE 8108981 U1 19810827; JP S57170785 A 19821021; JP S6363393 B2 19881207; US 4407593 A 19831004

DOCDB simple family (application)
EP 82101241 A 19820218; AT 82101241 T 19820218; DE 8108981 U 19810327; JP 4575882 A 19820324; US 35670582 A 19820310