

Title (en)
PRINTER OF CIGARETTE MANUFACTURING MACHINE

Title (de)
DRUCKER EINER MASCHINE ZUR HERSTELLUNG VON ZIGARETTEN

Title (fr)
IMPRIMANTE POUR UNE MACHINE DE FABRICATION DE CIGARETTES

Publication
EP 1500336 A1 20050126 (EN)

Application
EP 03712686 A 20030313

Priority

- JP 0303018 W 20030313
- JP 2002078293 A 20020320

Abstract (en)
A printer for a cigarette-manufacturing machine has a density sensor (70) disposed between a wrapping section (4) and a cutting section (16) of the machine, and the density sensor (70) detects the print density of printed information (PI) of a tobacco rod (TR). The information (PI) is printed on a paper web W by a printing unit (20) located upstream from the wrapping section (4). Disposed between the printing unit (20) and the wrapping section (4) is an adjusting device (62) for varying the length of a feeding path of the paper web W. A density signal from the density sensor (70) is used to control the operation of the printing unit (20) and adjusting device (62). Thus, based on the density signal, the print density of the printed information (PI) and the arrival timing thereof at the density sensor (70) are each controlled. <IMAGE>

IPC 1-7
A24C 5/38

IPC 8 full level
A24C 5/34 (2006.01); **A24C 5/38** (2006.01)

CPC (source: EP US)
A24C 5/3412 (2013.01 - EP US); **A24C 5/38** (2013.01 - EP US); **B41P 2233/52** (2013.01 - EP US)

Citation (search report)
See references of WO 03077686A1

Cited by
WO2013125966A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1500336 A1 20050126; AU 2003220888 A1 20030929; CN 1301074 C 20070221; CN 1642447 A 20050720; JP WO2003077686 A1 20050714; US 2005028832 A1 20050210; WO 03077686 A1 20030925

DOCDB simple family (application)
EP 03712686 A 20030313; AU 2003220888 A 20030313; CN 03806462 A 20030313; JP 0303018 W 20030313; JP 2003575746 A 20030313; US 94289504 A 20040917