

Title (en)
PRINTING DEVICE GENERATING AUTOMATICALLY READABLE WRITING(S) ON DOCUMENTS

Publication
EP 0186126 A3 19880427 (DE)

Application
EP 85116185 A 19851218

Priority
DE 3447430 A 19841224

Abstract (en)
[origin: ES8703110A1] In printing devices which are to print automatically readable script in particular great value is placed on an entirely accurate and clearly readable printing script because otherwise the reading devices recognize erroneous characters or the documents are rejected. In order to produce easily readable characters and in order to increase the life of the corresponding type wheels it is proposed either to move the document (8) by means of a step motor (SM) with micro-step control (MP, D/A1, D/A2, V1, V2) and to arrange the characters, which are to be arranged flush right or flush left, according to convention, in the center (FIG. 2A) and to bring about the flush right or flush left printing by means of the micro-step control. In addition, it is suggested, according to the invention, to also control spoke type wheels (1) with different pitches by means of a type wheel drive motor (M) provided with a micro-step control (MP, D/A1, D/A2, V1, V2).

IPC 1-7
B41J 1/30

IPC 8 full level
B41J 1/24 (2006.01); **B41J 1/30** (2006.01); **B41J 19/32** (2006.01)

CPC (source: EP US)
B41J 1/24 (2013.01 - EP US); **B41J 1/30** (2013.01 - EP US)

Citation (search report)
• [A] DE 2608754 B1 19770505 - SIEMENS AG
• [AD] ELEKTRONIK, Nr. 26, 1980, Seiten 43-49; H. GUGG et al.: "Schrittmotoren - optimal angesteuert"

Designated contracting state (EPC)
AT CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0186126 A2 19860702; EP 0186126 A3 19880427; EP 0186126 B1 19910724; AT E65461 T1 19910815; DE 3447430 A1 19860626; DE 3447430 C2 19900104; DE 3583596 D1 19910829; ES 550290 A0 19870216; ES 8703110 A1 19870216; JP S61118751 U 19860726; US 5040910 A 19910820

DOCDB simple family (application)
EP 85116185 A 19851218; AT 85116185 T 19851218; DE 3447430 A 19841224; DE 3583596 T 19851218; ES 550290 A 19851220; JP 19754385 U 19851224; US 81302785 A 19851224