

Title (en)

Magnetic readable character printing process using matrix print heads and method for making the same

Title (de)

Verfahren zum Drucken magnetisch lesbarer Schriftzeichen und Verwendung eines Matrixdruckkopfes hierfür sowie Verfahren zu dessen Herstellung

Title (fr)

Méthode d'impression de caractère lisible magnétiquement utilisant une tête d'impression matricielle et méthode de production de celle-ci

Publication

**EP 0481579 B1 19960731 (DE)**

Application

**EP 91250288 A 19911016**

Priority

DE 4033698 A 19901019

Abstract (en)

[origin: EP0481579A2] In a process for printing magnetically readable characters (CMC 7; E13B), magnetically readable ink is transferred in a printing mechanism from a disposable ink ribbon (13) to a recording medium (14). In order to increase the printing speed in comparison with daisy wheel printing mechanisms and printing mechanisms which operate in a similar manner, it is proposed that bar-shaped printing areas (1; 2) which are vertically positioned in the basic form are transferred onto the recording medium (14) and are composed according to the principle of a matrix to form a character and that the respective printing elements (15) with the bar-shaped printing areas (1; 2) are driven from one or more columns (21) of printing elements (15) in each case with bar-shaped printing area (1; 2), that the recording medium (14) and the disposable ink ribbon (13) are either fixed and a matrix wire print head (12) is moved, the disposable ink ribbon (13) being advanced in printing pauses, or the printing medium (14) and the disposable ink ribbon (13) is moved and the matrix wire print head (12) is held fixed. <IMAGE>

IPC 1-7

**B41J 2/505**

IPC 8 full level

**B41J 2/505** (2006.01)

CPC (source: EP)

**B41J 2/505** (2013.01)

Citation (examination)

DE 3213937 A1 19821118 - NIPPON TELEGRAPH & TELEPHONE [JP], et al

Cited by

US7150572B2; FR2698319A1; CN100344461C; EP2298567A3; EP1531056A3; WO0222371A3; EP2177365B1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0481579 A2 19920422; EP 0481579 A3 19930113; EP 0481579 B1 19960731**; AT E140898 T1 19960815; DE 4033698 A1 19920430; DE 4033698 C2 19920924; DE 59108047 D1 19960905

DOCDB simple family (application)

**EP 91250288 A 19911016**; AT 91250288 T 19911016; DE 4033698 A 19901019; DE 59108047 T 19911016