

Title (en)

DOT MATRIX PRINTER WITH STRIKING EDGES MOUNTED ON THE OUTER SURFACE OF A ROTATING PRINTING DRUM

Publication

EP 0022466 B1 19840905 (DE)

Application

EP 80102861 A 19800522

Priority

US 5805079 A 19790716

Abstract (en)

[origin: ES8103689A1] An all-points addressable dot printer has rows of sloped parallel anvils on a rotating drum. Alternate rows slope in opposite directions for bi-directional printing with a single row of hammer blades. The blades which are spaced apart, are shifted bi-directionally in synchronism with the scanning motion of the anvils to print dots at all dot line points. A second embodiment has a reciprocating comb bar located between the blades and a print medium. Spring fingers on the comb bar have dot forming protrusions. The spring fingers are uniformly spaced with center spacing equal to the center distances between the blades. Comb bar motion is linear with time along the line segments. Blade motion is simple harmonic.

IPC 1-7

B41J 3/10; **G06K 15/10**; **H04L 21/04**

IPC 8 full level

B41J 2/495 (2006.01); **B41J 2/31** (2006.01); **B41J 9/12** (2006.01); **B41J 25/00** (2006.01); **G06K 15/10** (2006.01); **H04L 21/04** (2006.01)

CPC (source: EP US)

B41J 2/31 (2013.01 - EP US); **B41J 9/12** (2013.01 - EP US); **B41J 25/006** (2013.01 - EP US)

Cited by

EP0065102A3

Designated contracting state (EPC)

AT BE CH DE FR GB LI NL

DOCDB simple family (publication)

EP 0022466 A1 19810121; **EP 0022466 B1 19840905**; AT E9212 T1 19840915; AU 530021 B2 19830630; AU 5925080 A 19810122; BR 8004393 A 19810127; CA 1124135 A 19820525; DD 152096 A5 19811118; DE 3069098 D1 19841011; ES 493384 A0 19810316; ES 8103689 A1 19810316; IT 1149838 B 19861210; IT 8022952 A0 19800623; JP S5615369 A 19810214; JP S6229233 B2 19870625; US 4278019 A 19810714

DOCDB simple family (application)

EP 80102861 A 19800522; AT 80102861 T 19800522; AU 5925080 A 19800612; BR 8004393 A 19800715; CA 352820 A 19800527; DD 22259480 A 19800714; DE 3069098 T 19800522; ES 493384 A 19800715; IT 2295280 A 19800623; JP 7677180 A 19800609; US 5805079 A 19790716