

Title (en)

Impact matrix printer having resiliently mounted printing elements driven by striking needles.

Title (de)

Anschlagmosaikdrucker, der mit auf nachgebende Weise fixierten und durch Drucknadeln betätigbaren Druckelementen versehen ist.

Title (fr)

Imprimante matricielle à impact comprenant des éléments d'impression fixés élastiquement et actionnés par des aiguilles de frappe.

Publication

**EP 0024928 A1 19810311 (EN)**

Application

**EP 80302994 A 19800829**

Priority

GB 7930013 A 19790830

Abstract (en)

A matrix printer which has a printing head including a line of printing needles. A plate (22) is disposed over the end of the printing head (4) and is formed to constitute a plurality of leaf springs (8) each of which carries at one side an anvil (9) aligned with a respective printing needle and at its other side a stud (10) which has an impact area smaller than or different to the impact area of the respective printing needle. Striking movement of the printing needle deflects the spring to cause the respective stud to mark the printing sheet. The arrangement facilitates the production of different styles of characters, the production of finer detail in characters and provides printing members which are more easily replaceable than printing needles.

IPC 1-7

**B41J 3/12**

IPC 8 full level

**B41J 2/25** (2006.01); **B41J 2/255** (2006.01)

CPC (source: EP)

**B41J 2/255** (2013.01)

Citation (search report)

- US 4044668 A 19770830 - BARRUS GORDON BRENT, et al
- [D] GB 1493719 A 19771130 - SIEMENS AG
- [A] FR 2152187 A5 19730420 - ANKER WERKE AG

Cited by

CN107399085A

Designated contracting state (EPC)

CH DE GB LI

DOCDB simple family (publication)

**EP 0024928 A1 19810311**; GB 2057359 A 19810401; JP S5664879 A 19810602

DOCDB simple family (application)

**EP 80302994 A 19800829**; GB 7930013 A 19790830; JP 12057780 A 19800830