

Title (en)

Method for producing a nondirectional pen.

Title (de)

Verfahren zur Herstellung einer Feder, die in jeder Richtung schreibt.

Title (fr)

Méthode de fabrication d'un stylo permettant d'écrire dans toutes les directions.

Publication

EP 0120386 A1 19841003 (EN)

Application

EP 84102682 A 19840312

Priority

- JP 5167283 A 19830329
- JP 20916883 A 19831109

Abstract (en)

A method for producing a nondirectional pen includes the steps of drawing a solid metal rod to form a pen blank having three or more radial blade, sections (1) extending along the length of the pen blank and equally spaced angularly away from one another; cutting the pen blank into pen bodies having a predetermined length; shaping the forward end of each of the pen bodies into a substantially conical configuration; welding a pen point ball (3) to the tip of the pen body; slotting the pen body from its tip to a predetermined depth through the pen point ball to form longitudinal slots (4); and plastically deforming the pen body to close the slots.

IPC 1-7

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IPC 8 full level

B43K 1/06 (2006.01); **B43K 15/00** (2006.01)

CPC (source: EP)

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Citation (search report)

- [A] GB 2050254 A 19810107 - YAMANAKA S
- [A] DE 822509 C 19511126 - GEHA WERKE GMBH

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DE3821423A1; GB2213107A; GB2213107B

Designated contracting state (EPC)

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