

Title (en)

Improved instrument marker pen.

Title (de)

Schreiber für Registriergerät.

Title (fr)

Stylo pour instrument enregistreur.

Publication

**EP 0042289 A1 19811223 (EN)**

Application

**EP 81302683 A 19810616**

Priority

- US 15960080 A 19800616
- US 26297681 A 19810512

Abstract (en)

A recorder instrument marker pen of the type adapted for high speed printing, provided with a self-damping resilient shock absorbing member (16) for holding the writing tip. The shock absorbing member (16), typically elastomeric, is positioned adjacent the writing tip portion (14) of the marker to provide for a substantially constant pressure on the writing tip, to reduce pen skipping, increase writing tip life, and provide for a consistent mark upon the desired substrate. The shock absorbing member (16) is substantially self-damping in that vibration or the like associated with high speed writing, is quickly dissipated without undue oscillatory motion. The self-damping, resilient, shock absorbing member (16) is preferably utilised in conjunction with ballpoint or extruded plastics nib type writing elements.

IPC 1-7

**B43K 7/00; B43K 8/02**

IPC 8 full level

**B43K 7/00** (2006.01); **B43K 8/02** (2006.01); **B43K 24/02** (2006.01)

CPC (source: EP)

**B43K 7/00** (2013.01); **B43K 8/02** (2013.01); **B43K 24/023** (2013.01)

Citation (search report)

- [X] FR 1118536 A 19560607
- [X] FR 1137937 A 19570605
- [X] FR 1151093 A 19580123
- [X] GB 669464 A 19520402 - COMPANIA URUGUAYA DE FOMENTO INDUSTRIAL SA
- [X] DE 885070 C 19530803 - ORZELLET HERMANN
- [A] FR 1252736 A 19610203
- [A] US 3972629 A 19760803 - WHALEN JR JOHN J
- [A] US 3338216 A 19670829 - ROLLER SR FRANK W
- [A] US 3003181 A 19611010 - ROSENTHAL SIDNEY N
- [A] US 3397938 A 19680820 - DAVID JUELSS
- [A] US 3614246 A 19711019 - LOTFALLAH LOTFI H

Cited by

EP2152527A4; US4969765A; EP2158094A4; EP0123521A1; WO2021067271A1

Designated contracting state (EPC)

BE DE FR GB

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 81302683 A 19810616**; AU 7184181 A 19810615; CA 379189 A 19810608