

Title (en)

Writing instrument.

Title (de)

Schreibgerät.

Title (fr)

Instrument pour écrire.

Publication

**EP 0395973 A1 19901107 (DE)**

Application

**EP 90107619 A 19900423**

Priority

DE 3914465 A 19890502

Abstract (en)

[origin: JPH02303896A] PURPOSE: To effectively supply from a common recording material storage unit to both writing tips providing both the writing tips at the same end of a writing implement, and constituting both the tips to pass through one another. CONSTITUTION: The writing implement 1 comprises a writing implement body 2 fixedly disposing a pad 4 therein, a holding bush 5 inserted into an open end, and a writing tip 9 having a small diameter and inserted at its inside end into a lateral rib 5a. The tip 9 is slidably engagedly contained in a longitudinal hole 8 of the tip 7 having a large diameter over a most part of the length. Both the tips are concentrically passed from one another. The tip 7 is contained in a holding sleeve 6, and contained in an opened front end of the body 2. And, the tip 7 is projected or again retracted at an axially moving stroke 15 to the bush 5 depending upon the length and gradient of the slit 13 by relative rotation of the bush 5 to the sleeve 6. As a result, a recording material can be effectively supplied to both the tips.

Abstract (de)

Es ist ein Schreibgerät, insb. Faserschreiber, Markierungsstift oder Liner mit zwei wahlweise benutzbaren unterschiedlichen Schreibspitzen (7,9) vorgesehen, die am gleichen Ende des Schreibgerätes angeordnet und ineinandergeschachtelt sind und so gemeinsam von einem Schreibstoffspeicher (4) aus speisbar sind.

IPC 1-7

**B43K 17/00**; **B43K 24/02**; **B43K 27/00**

IPC 8 full level

**B43K 8/02** (2006.01); **B43K 17/00** (2006.01); **B43K 24/02** (2006.01); **B43K 27/00** (2006.01); **B43K 27/08** (2006.01)

CPC (source: EP KR US)

**B43K 8/02** (2013.01 - KR); **B43K 17/00** (2013.01 - EP US); **B43K 24/02** (2013.01 - EP US); **B43K 27/00** (2013.01 - EP US)

Citation (search report)

- [X] GB 2116915 A 19831005 - GILLETTE CO
- [YP] DE 8807762 U1 19890824
- [Y] FR 536184 A 19220427
- [Y] US 2206681 A 19400702 - PAUL SZTRANSZKY
- [A] US 4272206 A 19810609 - TREEN J PAUL
- [A] DE 8503454 U1 19850905
- [A] US 3887287 A 19750603 - ROSH JR DALE M

Cited by

EP2898959A1; EP3165379A4; US10336129B2; WO9409997A1; EP2114193B1

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0395973 A1 19901107**; **EP 0395973 B1 19931103**; AT E96740 T1 19931115; DE 3914465 A1 19901108; DE 3914465 C2 19930318; DE 59003287 D1 19931209; ES 2047744 T3 19940301; JP H02303896 A 19901217; KR 900017803 A 19901220; US 5026189 A 19910625

DOCDB simple family (application)

**EP 90107619 A 19900423**; AT 90107619 T 19900423; DE 3914465 A 19890502; DE 59003287 T 19900423; ES 90107619 T 19900423; JP 11537490 A 19900502; KR 900006301 A 19900501; US 50587590 A 19900405