

Title (en)

WRITING INSERT

Title (de)

SCHREIBEINSATZ MIT ZERSTÖRUNGSFREIER ENDKONTROLLE

Title (fr)

PIECE RAPPORTEE POUR INSTRUMENT D'ECRITURE

Publication

EP 1392523 A1 20040303 (DE)

Application

EP 02750914 A 20020510

Priority

- DE 10123279 A 20010514
- EP 0205188 W 20020510

Abstract (en)

[origin: WO02092360A1] The invention relates to a writing insert for a writing implement and the like, particularly for a fineliner writing implement. The writing insert contains a writing organ (20) with a writing tip (20a), and contains an enclosure part (10) with a through cavity (14) in which the writing organ (20) is at least partially accommodated, and the writing organ (20), with the writing tip (20a), projects out of one end (10a) of the enclosure part. The writing insert additionally contains a guide device (30), which is connected to the enclosure part (10) and provided for guiding the writing organ (20), and comprises a spring element (50), which elastically pretensions the writing organ (20) in the direction of the writing tip (20a). The invention also provides that the enclosure part (10) is made of a transparent material, preferably of a transparent plastic.

IPC 1-7

B43K 8/02

IPC 8 full level

B43K 1/06 (2006.01); **B43K 8/02** (2006.01)

CPC (source: EP US)

B43K 8/003 (2013.01 - EP US); **B43K 8/026** (2013.01 - EP US)

Citation (search report)

See references of WO 02092360A1

Cited by

DE102007050836A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 02092360 A1 20021121; AT E409125 T1 20081015; DE 10123279 A1 20021128; DE 50212807 D1 20081106; EP 1392523 A1 20040303; EP 1392523 B1 20080924; ES 2314075 T3 20090316; JP 2004520980 A 20040715; US 2004175225 A1 20040909; US 7147394 B2 20061212

DOCDB simple family (application)

EP 0205188 W 20020510; AT 02750914 T 20020510; DE 10123279 A 20010514; DE 50212807 T 20020510; EP 02750914 A 20020510; ES 02750914 T 20020510; JP 2002589273 A 20020510; US 47753604 A 20040505