

Title (en)

Writing, painting, drawing or marking device

Title (de)

Schreib-, Mal-, Zeichen- bzw. Markiergerät

Title (fr)

Dispositif permettant d'écrire, peindre, dessiner ou marquer

Publication

EP 0711673 B1 19971229 (DE)

Application

EP 95117105 A 19951031

Priority

- DE 4440272 A 19941111
- DE 4441679 A 19941123

Abstract (en)

[origin: EP0711673A1] In a pen, for writing/painting/plotting/marking, a top-up zone (28) for a top-up vol. of ink is at the trailing side end of the ink store (16) and directly at it, defined at the sides by a shrouding side wall (30) with a vent opening (32) and an upper and lower closure (34). The side wall shrouding (30) is at a gap from the housing wall (42). The vent opening (32) is near the closure (34), to link the top-up zone (28) with the interior (14) of the housing. The top-up zone (28) can be accessed temporarily from outside the housing (12). A seal (38) is of a silicone rubber material.

IPC 1-7

B43K 11/00

IPC 8 full level

B43K 11/00 (2006.01)

CPC (source: EP)

B43K 11/005 (2013.01)

Cited by

US11331685B2; US11980901B2

Designated contracting state (EPC)

AT BE CH DE ES FR GB IE IT LI LU NL PT

DOCDB simple family (publication)

EP 0711673 A1 19960515; EP 0711673 B1 19971229; AT E161488 T1 19980115; DE 4440272 A1 19960515; DE 4440272 C2 19981224; DE 4441679 A1 19960725; DE 59501165 D1 19980205

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