

Title (en)

Refillable writing implement and refill-container

Title (de)

Nachfüllbarer Flüssigkeitsschreiber und Nachfüllbehälter

Title (fr)

Dispositif d'écriture rechargeable et récipient de recharge

Publication

**EP 0621140 B1 19960703 (DE)**

Application

**EP 94105537 A 19940411**

Priority

- CH 196093 A 19930630
- DE 9305635 U 19930415

Abstract (en)

[origin: EP0621140A1] A refillable writing implement (1) has a writing tank (2) for supplying writing liquid to the nib (4). It has an additional storage tank (3), from which the writing tank (2) can be refilled via a connection acting as a valve (6). The storage tank (3) can be refilled from the outside via a valve with an associated refill container. The refill container has an injection needle with a valve, and means for subjecting the writing liquid in its interior to pressure. <IMAGE>

IPC 1-7

**B43K 5/08**; **B43K 11/00**; **B43L 25/04**

IPC 8 full level

**B43K 5/08** (2006.01); **B43K 11/00** (2006.01); **B43L 25/04** (2006.01)

CPC (source: EP US)

**B43K 5/08** (2013.01 - EP US); **B43K 11/00** (2013.01 - EP US); **B43L 25/04** (2013.01 - EP US)

Cited by

DE19630641C1; EP0655350A1; US5888008A; EP0765769A3

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0621140 A1 19941026**; **EP 0621140 B1 19960703**; AT E139950 T1 19960715; DE 59400387 D1 19960808; ES 2089874 T3 19961001; FI 102523 B1 19981231; FI 102523 B 19981231; FI 941709 A0 19940413; FI 941709 A 19941016; JP 2688324 B2 19971210; JP H07101194 A 19950418; NO 304015 B1 19981012; NO 941321 D0 19940413; NO 941321 L 19941017; US 5518331 A 19960521

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