

Title (en)
Writing instrument, especially a fountain pen

Title (de)
Schreibgerät, insbesondere Füllhalter

Title (fr)
Instrument pour écrire, en particulier un stylographe

Publication
EP 0655350 B1 19980128 (DE)

Application
EP 94117637 A 19941109

Priority
• DE 4340760 A 19931130
• DE 4340658 A 19931130

Abstract (en)
[origin: EP0655350A1] In a fountain pen, having a reservoir space (2) that can be filled with ink and is connected via a connecting duct (8) to a flow regulator (7) and a writing tip (6), and having a reserve space (3), which can be connected to the reservoir space (2) by opening a refill valve (4), which is closed in its position of rest, for the purposes of refilling, the reserve space (3) has a refill aperture which is accessible from outside and closed by an automatically closing valve, to which aperture a refill container, provided with means for holding the valve open, can be sealingly connected. The connecting duct (8) can be locked by a separating valve (9) which is open in its position of rest, and the refill valve (4) is connected to the separating valve (9) by an actuating element (12) in such a way that the separating valve (9) is closed before the refill valve (4) opens and is opened after the refill valve (4) has closed. <IMAGE>

IPC 1-7
B43K 5/18; **B43L 25/04**; **B43K 5/08**

IPC 8 full level
B05B 11/00 (2006.01); **B43K 5/08** (2006.01); **B43K 5/18** (2006.01); **B43K 11/00** (2006.01); **B43L 25/04** (2006.01)

CPC (source: EP US)
B05B 11/0035 (2013.01 - EP US); **B43K 5/08** (2013.01 - EP US); **B43K 5/1863** (2013.01 - EP US); **B43K 11/00** (2013.01 - EP US); **B43L 25/04** (2013.01 - EP US)

Cited by
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EP 0655350 A1 19950531; **EP 0655350 B1 19980128**; DE 59405170 D1 19980305; DE 59409687 D1 20010419; EP 0765769 A2 19970402; EP 0765769 A3 19980121; EP 0765769 B1 20010314; ES 2113035 T3 19980416; ES 2155917 T3 20010601; JP 2680276 B2 19971119; JP H07251587 A 19951003; US 5888008 A 19990330

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EP 94117637 A 19941109; DE 59405170 T 19941109; DE 59409687 T 19941109; EP 96117137 A 19941109; ES 94117637 T 19941109; ES 96117137 T 19941109; JP 29706994 A 19941130; US 85492497 A 19970513