

Title (en)  
WRITING UNTENSIL FOR LIQUID INK

Publication  
**EP 0114947 A3 19840822 (DE)**

Application  
**EP 83110941 A 19831103**

Priority  
DE 3302963 A 19830129

Abstract (en)  
[origin: US4583875A] A writing instrument having a capability tip is formed by piercing a membrane between the mouth of the housing and the reservoir with a tool to provide an opening of the size and shape of the shank of the nib which is then introduced into the opening.

IPC 1-7  
**B43K 8/02**; **B43K 1/12**

IPC 8 full level  
**B43K 8/02** (2006.01); **B43K 1/12** (2006.01); **B43K 8/04** (2006.01)

CPC (source: EP US)  
**B43K 1/12** (2013.01 - EP US); **B43K 8/04** (2013.01 - EP US)

Citation (search report)

- [A] FR 2075349 A7 19711008 - FROLA ALESSANDRO
- [A] US T926011 I4 19740903
- [A] DE 2637685 A1 19780309 - PELIKAN WERKE WAGNER GUENTHER
- [A] FR 2272849 A1 19751226 - PELIKAN WERKE WAGNER GUENTHER [DE]
- [A] GB 1118763 A 19680703 - SANFORD RES COMPANY

Designated contracting state (EPC)  
AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**US 4583875 A 19860422**; AT E22256 T1 19861015; DE 3302963 A1 19840802; DE 3302963 C2 19870716; DE 3366327 D1 19861023; EP 0114947 A2 19840808; EP 0114947 A3 19840822; EP 0114947 B1 19860917; JP S59143696 A 19840817; JP S6139199 B2 19860902

DOCDB simple family (application)  
**US 57465284 A 19840127**; AT 83110941 T 19831103; DE 3302963 A 19830129; DE 3366327 T 19831103; EP 83110941 A 19831103; JP 1218684 A 19840127