

Title (en)

Writing, drawing and/or marking devices and ink storage for such devices

Title (de)

Schreib-, Zeichen- und/oder Markiergeräte, sowie Tintenspeicher für derartige Geräte

Title (fr)

Appareils d'écriture, de dessin et/ou de marquage, et stockage d'encre pour appareils analogues

Publication

EP 1977907 A3 20120822 (DE)

Application

EP 08004254 A 20080307

Priority

DE 102007016413 A 20070405

Abstract (en)

[origin: EP1977907A2] The device has a liquid accumulator (3) inserted in a pole. A contact point for directing a recording medium is formed between a recording wick and the liquid accumulator. The accumulator includes an area with sealing (31) on a side turned to the recording wick. The area with sealing is extended into a subrange of a bearing surface (33), and is provided with a front side (34) of the accumulator. The accumulator is made of synthetic material, sponge material, plastic ball and sintered plastic ball.

IPC 8 full level

B43K 8/03 (2006.01); **B43K 8/06** (2006.01)

CPC (source: EP US)

B43K 8/03 (2013.01 - EP US); **B43K 8/06** (2013.01 - EP US)

Citation (search report)

- [XY] JP 2002200879 A 20020716 - ZEBRA PEN CORP
- [Y] US 6328040 B1 20011211 - STEIN JULIE ANNE [US]
- [A] EP 0570866 A1 19931124 - ALLCO KK [JP]
- [AD] US 3141187 A 19640721 - SIMON JR ALBERT E, et al
- [A] GB 715042 A 19540908 - HENDRIK KAREL DOMINICUS VAN DE

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 1977907 A2 20081008; EP 1977907 A3 20120822; BR PI0801217 A2 20091117; CN 201244984 Y 20090527; DE 102007016413 A1 20081009; JP 2008254440 A 20081023; US 2008260452 A1 20081023

DOCDB simple family (application)

EP 08004254 A 20080307; BR PI0801217 A 20080404; CN 200820008774 U 20080407; DE 102007016413 A 20070405; JP 2008082316 A 20080327; US 8080308 A 20080404