

Title (en)
WRITING INSTRUMENTS

Title (de)
SCHREIBGERÄT

Title (fr)
INSTRUMENTS D'ÉCRITURE

Publication
EP 4389452 A1 20240626 (EN)

Application
EP 22307003 A 20221222

Priority
EP 22307003 A 20221222

Abstract (en)
A writing instrument (10) comprising:-a barrel (12) having a longitudinal axis (X),-a cartridge (16),- a writing tip (22)-a self-retracting and sealing system (20) for sliding the cartridge (16) inside the barrel (12) between a first position wherein the writing tip (22) extends outside the barrel (12) and a second position wherein the writing tip (22) is retracted, the system (20) comprising:-a sliding button (25) configured to move the cartridge (16) between the first and the second position, and-a sealing member (37) configured to be actuated between a closed position closing a writing passage (14a) of the writing instrument (10), whereinthe cartridge (16) is configured to actuate the sealing member (37) to the open position when the cartridge (16) is moved to the first position and to allow the sealing member (37) in the closed position when the cartridge (16) is in the second position.

IPC 8 full level
B43K 8/02 (2006.01); **B43K 8/24** (2006.01); **B43K 24/08** (2006.01); **G06F 3/0354** (2013.01)

CPC (source: EP)
B43K 8/028 (2013.01); **B43K 8/24** (2013.01); **B43K 24/082** (2013.01)

Citation (search report)
• [X] EP 4098456 A1 20221207 - SOCIÉTÉ BIC [FR], et al
• [X] US 4859103 A 19890822 - WITTEK GOTZ U [DE]
• [X] DE 20316502 U1 20040108 - EDDING AG [DE]
• [X] WO 2010100800 A1 20100910 - TSUKADA FUJIO [JP]
• [X] GB 2409437 A 20050629 - MITSUBISHI PENCIL CO [JP]
• [A] US 2015050062 A1 20150219 - ROLION FRANCK [FR], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

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