

Title (en)
WRITING INSTRUMENT HAVING AUTOMATIC SEALING STRUCTURE

Title (de)
SCHREIBINSTRUMENT MIT AUTOMATISCHER DICHTUNGSSTRUKTUR

Title (fr)
INSTRUMENT D'ÉCRITURE PRÉSENTANT UNE STRUCTURE D'ÉTANCHÉITÉ AUTOMATIQUE

Publication
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Application
EP 17154983 A 20170207

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Abstract (en)
The present invention has an object to provide a writing instrument having an automatic sealing structure that may reduce an entire diameter of the writing instrument due to a decrease in a size of a ball shutter, thus to improve grip feeling of a user. The writing instrument having an automatic sealing structure includes: a body case having a front opening formed in one end thereof; a knock part coupled to the other end of the body case so as to make a nib protrude from or be retracted into the front opening of the body case by a pushing operation thereof; a cartridge inserted into the body case together with a spring in a state in which the knock part and the nib are coupled to both ends thereof, respectively; at least one O-ring fixedly fitted in the body case; a holder fixedly fitted in the body case so that one end thereof is covered by the O-ring; a ball shutter pivotally coupled to the holder to allow the nib to protrude or be sealed according to the pivoting thereof; and a link which is slidably fitted in the holder, and has a cutaway piece formed by protruding a circumferential portion of a part of a hollow column end thereof to allow the ball shutter to be pivoted

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Citation (applicant)
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Citation (search report)
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• [X] WO 2016002779 A1 20160107 - SAKURA COLOR PROD CORP [JP]
• [A] TW 201414620 A 20140416 - XIN ZHUAN INVEST CO LTD [TW]
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