

Title (en)

WRITING DEVICE

Publication

EP 0149216 B1 19880518 (DE)

Application

EP 84116112 A 19841221

Priority

DE 3347708 A 19831231

Abstract (en)

[origin: US4605331A] The invention relates to a writing device comprising a storage tank for Indian ink or another writing medium, a housing which is open in the direction of the tank, a tubular pen which is arranged on the housing, a needle which is axially displaceable in the tubular pen, and a drop weight member which is attached to the needle and is displaceable in the interior of the housing. The tank contains a propellant which is subjected to its own vapor pressure and acts directly on the writing medium, and the end of the tubular pen located in the interior of the housing is designed as a valve seat onto which a valve body formed on the oppositely located end of the drop weight member can be sealingly positioned.

IPC 1-7

B43K 8/00; B43K 5/14; B43K 7/02

IPC 8 full level

B43K 1/06 (2006.01); **B43K 5/00** (2006.01); **B43K 5/14** (2006.01); **B43K 5/18** (2006.01); **B43K 7/02** (2006.01); **B43K 7/03** (2006.01);
B43K 8/00 (2006.01); **B43K 8/16** (2006.01); **B43L 13/00** (2006.01)

CPC (source: EP US)

B43K 5/145 (2013.01 - EP US); **B43K 5/1845** (2013.01 - EP US); **B43K 7/03** (2013.01 - EP US); **B43K 8/16** (2013.01 - EP US)

Citation (examination)

Taschenbuch für Heizung und Klimatechnik 86/87, Hönnemann und Sprenger, Seite 149, 150, 1471

Designated contracting state (EPC)

AT CH FR GB IT LI NL SE

DOCDB simple family (publication)

US 4605331 A 19860812; AT E34341 T1 19880615; DE 3347708 A1 19850711; EP 0149216 A2 19850724; EP 0149216 A3 19850821;
EP 0149216 B1 19880518; JP H0351240 B2 19910806; JP S60159097 A 19850820

DOCDB simple family (application)

US 68632284 A 19841226; AT 84116112 T 19841221; DE 3347708 A 19831231; EP 84116112 A 19841221; JP 26871784 A 19841221