

Title (en)  
Manual writing or dispensing device

Title (de)  
Handschreib- oder Auftraggerät

Title (fr)  
Instrument manuel pour écrire ou pour applicateur

Publication  
**EP 0995615 B1 20040121 (DE)**

Application  
**EP 99710009 A 19990921**

Priority  
DE 29819071 U 19981020

Abstract (en)  
[origin: EP0995615A1] The chamber (6,7) in the housing has at least one wall in the form of a bubble (8) of flexible, non-elastic material connected to the rear end of the writing point (4). In the housing is a storage space for free writing fluid, which is closed in a fluid-tight manner to the atmosphere, whilst the fluid contained in it remains under the effect of atmospheric pressure. A valve device (15) is located between the chamber (6,7) and the closed storage space and when a lower state of fill is reached in the chamber it opens by means of the wall of the bubble and closes when an upper state of fill in the chamber is achieved.

IPC 1-7  
**B43K 5/18**

IPC 8 full level  
**B43K 5/18** (2006.01)

CPC (source: EP US)  
**B43K 5/1836** (2013.01 - EP US)

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**DE 29819071 U1 20000302**; DE 59908354 D1 20040226; EP 0995615 A1 20000426; EP 0995615 B1 20040121; US 6106180 A 20000822

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**DE 29819071 U 19981020**; DE 59908354 T 19990921; EP 99710009 A 19990921; US 42159299 A 19991020