

Title (en)
Writing implement

Title (de)
Hand-Auftraggerät

Title (fr)
Instrument d'écriture

Publication
EP 1065073 B1 20061213 (DE)

Application
EP 00110952 A 20000526

Priority
DE 19930540 A 19990628

Abstract (en)
[origin: EP1065073A1] The pen has a writing point (8) at the front of a casing (1,2). The writing point is connected by a capillary feeder (7) to a storage space (5) for free ink. A temporary store (9) of porous material with a smaller capillarity than the feeder surrounds the feeder and is connected with the outside air at the front end. A separation wall (10) is provided between the temporary store and the storage space. The feeder passes through the separation wall. A tube (11) with a fluid-tight wall extending in front of the separation wall is connected to the storage space and forms a capillary channel (12), whose capillarity is less than the feeder but greater than the temporary store. The front opening of the tube is in the front third of the temporary store and spaced from its front end.

IPC 8 full level
B43K 8/03 (2006.01); **B43K 8/06** (2006.01); **B43K 8/02** (2006.01)

CPC (source: EP US)
B43K 8/06 (2013.01 - EP US)

Cited by
EP4112329A1; CN102844199A; EP2554398A4; US6416242B1; US12030334B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1065073 A1 20010103; EP 1065073 B1 20061213; AT E348017 T1 20070115; DE 10084731 B4 20140213; DE 10084731 B9 20140227; DE 10084731 T5 20040527; DE 19930540 A1 20010111; DE 19930540 B4 20040422; DE 50013847 D1 20070125; JP 2001026193 A 20010130; JP 3778782 B2 20060524; US 6322269 B1 20011127

DOCDB simple family (application)
EP 00110952 A 20000526; AT 00110952 T 20000526; DE 10084731 T 20000626; DE 19930540 A 19990628; DE 50013847 T 20000526; JP 2000194059 A 20000628; US 49891300 A 20000204