

Title (en)
PUSH TYPE MECHANICAL PENCIL

Publication
EP 0032651 B1 19830511 (EN)

Application
EP 80710001 A 19800117

Priority
EP 80710001 A 19800117

Abstract (en)
[origin: EP0032651A1] Push type mechanical pencil having a chuck (7) for clamping a lead (4), the chuck being operable by a spring loaded push button (12). By pressing the push button, the chuck (7) comes out of engagement with a clutch element for releasing the lead (4) and pushes a lead guide member (3) forward. This lead guide member (3) is provided with the lead brake (2), so that the lead is driven forward together with the guide member (3). In order to ensure that the lead (4) is in the correct writing position, when the push button (12) is actuated only one time, means (15, 16) are provided to transform the radial directed spring force of the chuck (7) into an axial directed force on the lead guide member (3). Preferably the means is an inclined surface on the lead guide member (3) which transforms the radial directed spring force of the chuck (7) into an axial directed displacement of the guide member (3).

IPC 1-7
B43K 21/20; **B43K 21/22**

IPC 8 full level
B43K 21/20 (2006.01); **B43K 21/22** (2006.01)

CPC (source: EP)
B43K 21/20 (2013.01); **B43K 21/22** (2013.01)

Cited by
US2013117968A1; US8720006B2

Designated contracting state (EPC)
AT BE CH DE FR GB IT LU NL SE

DOCDB simple family (publication)
EP 0032651 A1 19810729; **EP 0032651 B1 19830511**; AT E3261 T1 19830515; DE 3062996 D1 19830616

DOCDB simple family (application)
EP 80710001 A 19800117; AT 80710001 T 19800117; DE 3062996 T 19800117