

Title (en)

Mechanical pencil.

Title (de)

Bleistift mit regulierbarer Mine.

Title (fr)

Porte-mine à mine réglable.

Publication

EP 0082594 A2 19830629 (EN)

Application

EP 82306005 A 19821111

Priority

JP 18191581 A 19811112

Abstract (en)

An improved propelling pencil is provided of which lead can be projected or exposed to a predetermined amount by applying writing pressure to a pencil cylinder, when the lead is worn out or broken. According to the invention, the pencil is free from breaking of the lead due to excessive projection of the lead from the pencil body.

IPC 1-7

B43K 21/02; **B43K 21/22**

IPC 8 full level

B43K 21/027 (2006.01); **B43K 21/033** (2006.01); **B43K 21/22** (2006.01)

CPC (source: EP)

B43K 21/033 (2013.01); **B43K 21/22** (2013.01)

Cited by

DE3546418C1; DE102016110211A1

Designated contracting state (EPC)

CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0082594 A2 19830629; **EP 0082594 A3 19840808**; AU 9033382 A 19830519; JP S5882795 A 19830518

DOCDB simple family (application)

EP 82306005 A 19821111; AU 9033382 A 19821110; JP 18191581 A 19811112