

Title (en)
MECHANICAL PENCIL

Title (de)
DREHBLEISTIFT

Title (fr)
PORTE-MINE

Publication
EP 0530227 B1 19960501 (EN)

Application
EP 91909010 A 19910206

Priority
• US 9100818 W 19910206
• US 52710390 A 19900522

Abstract (en)
[origin: WO9117694A1] A mechanical lead pencil having the capability of feeding different diameter leads. A first collet (21) is disposed in the pencil barrel (12) for feeding the lead (20) and a second collet (25) is located at the barrel open end for retaining the lead (20) during use of the pencil. An elastomeric disc (35) is provided between the two collets (21, 25), having a variable diameter opening (38) at the center thereof for frictionally engaging the lead (20) and preventing its release when the two collets (21, 25) are in the open position.

IPC 1-7
B43K 21/22

IPC 8 full level
B43K 21/16 (2006.01); **B43K 21/22** (2006.01)

CPC (source: EP)
B43K 21/22 (2013.01)

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

DOCDB simple family (publication)
WO 9117694 A1 19911128; AT E137447 T1 19960515; CA 2079478 A1 19911123; DE 69119225 D1 19960605; DE 69119225 T2 19961212; EP 0530227 A1 19930310; EP 0530227 A4 19931013; EP 0530227 B1 19960501; ES 2086540 T3 19960701; JP 3187418 B2 20010711; JP H05507038 A 19931014

DOCDB simple family (application)
US 9100818 W 19910206; AT 91909010 T 19910206; CA 2079478 A 19910206; DE 69119225 T 19910206; EP 91909010 A 19910206; ES 91909010 T 19910206; JP 50879091 A 19910206