

Title (en)
MECHANICAL PENCIL

Title (de)
MECHANISCHER SCHREIBSTIFT

Title (fr)
PORTE-MINE

Publication
EP 1675732 A1 20060705 (FR)

Application
EP 04817287 A 20041018

Priority
• FR 2004002659 W 20041018
• FR 0312333 A 20031022

Abstract (en)
[origin: FR2861331A1] The pencil has a sleeve (40) arranged between a clamp ring (18) and a front end of a spring (19), and moving longitudinally with respect to a clamp (30) and a pencil body (2). The spring hooks the ring against a clamp head. The clamp is movable longitudinally with respect to a mobile unit (20) on a determined course. The body includes a front stop that limits movement of the body towards a front of the sleeve.

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

IPC 8 full level
B43K 21/02 (2006.01); **B43K 21/027** (2006.01); **B43K 21/16** (2006.01); **B43K 21/20** (2006.01); **B43K 21/22** (2006.01)

CPC (source: EP US)
B43K 21/02 (2013.01 - EP US); **B43K 21/027** (2013.01 - EP US); **B43K 21/16** (2013.01 - EP US); **B43K 21/22** (2013.01 - EP US)

Citation (search report)
See references of WO 2005039889A1

Designated contracting state (EPC)
DE ES FR GB

DOCDB simple family (publication)
FR 2861331 A1 20050429; **FR 2861331 B1 20060303**; AU 2004283918 A1 20050506; BR PI0415642 A 20061212; CA 2542879 A1 20050506; CN 100503270 C 20090624; CN 1871136 A 20061129; EP 1675732 A1 20060705; MX PA06004495 A 20060627; TW 200523135 A 20050716; US 2007134046 A1 20070614; WO 2005039889 A1 20050506

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