

Title (en)
PENCIL-SHARPENING DEVICE

Title (de)
BLEISTIFTANSPIZGERÄT

Title (fr)
DISPOSITIF POUR TAILLER LES CRAYONS

Publication
EP 1954509 A2 20080813 (EN)

Application
EP 06839775 A 20061108

Priority
• US 2006060677 W 20061108
• US 73449905 P 20051108

Abstract (en)
[origin: WO2007056751A2] The present invention is directed to a pencil-sharpening device having a titanium chromium nitride coating disposed on the cutting blade of the device. The titanium chromium nitride coating is metallurgically bonded to the steel blade. The coated blade provides enhanced properties for the pencil.

IPC 8 full level
B43L 23/00 (2006.01); **B43L 23/08** (2006.01)

CPC (source: EP)
B43L 23/008 (2013.01); **B43L 23/02** (2013.01); **C23C 14/0641** (2013.01); **C23C 14/3464** (2013.01)

Citation (search report)
See references of WO 2007056751A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2007056751 A2 20070518; WO 2007056751 A3 20080313; CA 2629198 A1 20070518; EP 1954509 A2 20080813

DOCDB simple family (application)
US 2006060677 W 20061108; CA 2629198 A 20061108; EP 06839775 A 20061108