

Title (en)

Lead for writing, drawing or painting devices

Title (de)

Mine für Schreib-, Zeichen- oder Malgeräte

Title (fr)

Mine pour instruments d'écriture, de dessin ou de peinture

Publication

EP 1685976 A3 20080723 (DE)

Application

EP 05028121 A 20051222

Priority

DE 102005004176 A 20050126

Abstract (en)

[origin: EP1685976A2] The surface of the refill has at least one coating and/or at least one partial coating. The coating is assigned one or more pieces of data which are specific to the refill such as manufacturer's details, hardness, quality feature and/or line thickness. The coating (11) or partial coating can be a metal coating made of copper, titanium or aluminium compounds for example.

IPC 8 full level

B43K 19/18 (2006.01); **B43K 19/02** (2006.01)

CPC (source: EP)

B43K 19/02 (2013.01); **B43K 19/18** (2013.01)

Citation (search report)

- [X] FR 774854 A 19341215 - BELL PUNCH CO LTD
- [X] FR 497942 A 19191220 - CHARLES HENRI BESNARD [FR]
- [X] DE 165156 C
- [X] GB 346195 A 19310409 - SIGMUND WOLF
- [X] DE 1720443 U 19560412 - FABER CASTELL A W [DE]
- [X] DE 1705084 U 19550818 - STAEDTLER FA J S [DE]

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 YU

DOCDB simple family (publication)

EP 1685976 A2 20060802; EP 1685976 A3 20080723; DE 102005004176 A1 20060727; JP 2006205728 A 20060810

DOCDB simple family (application)

EP 05028121 A 20051222; DE 102005004176 A 20050126; JP 2006007181 A 20060116