

Title (en)

Sharpener for soft lead pencil

Title (de)

Spitzer für einen Weichminenstift

Title (fr)

Taille-crayon pour crayon à mine tendre

Publication

EP 1818181 B1 20100811 (DE)

Application

EP 06001384 A 20060124

Priority

EP 06001384 A 20060124

Abstract (en)

[origin: EP1818181A1] The sharpener has a body (2), a peeler (5), and a blade retainer (4) for the peeler, where the peeler is fastened on the sharpener body that includes a borehole (6) defining a pencil guiding channel (7). The blade retainer is diagonally engaged with respect to an axis (11) of the guiding channel. A lead shaper (37) shapes a lead head of a pencil, which is separately accessible and usable from the guiding channel.

IPC 8 full level

B43L 23/08 (2006.01); **A45D 40/08** (2006.01)

CPC (source: EP)

A45D 40/20 (2013.01); **B43L 23/085** (2013.01); **A45D 2040/202** (2013.01)

Citation (examination)

- WO 8809267 A1 19881201 - HEINZ IND INC [US]
- DE 29723492 U1 19980827 - KUM GMBH & CO KG KUNSTSTOFF UN [DE]
- EP 1382465 A1 20040121 - KUM LTD [IE]

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1818181 A1 20070815; EP 1818181 B1 20100811; DE 502006007629 D1 20100923

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