

Title (en)

Sharpener for soft pencil leads

Title (de)

Spitzer, insbesondere für Weichminenstifte

Title (fr)

Taille-crayon pour crayon à mine tendre

Publication

EP 1070601 B1 20020502 (DE)

Application

EP 00105782 A 20000318

Priority

DE 19934691 A 19990723

Abstract (en)

[origin: EP1070601A1] The sharpener (1) has a casing (2) carrying a sharpening blade (7) running tangentially to a sharpening channel (3). There is a free cavity (6) open at the underside of the casing. The filling former can be brought in (preferably turned in) to the cavity from the bottom of the casing by means of a carrier plate (12).

IPC 1-7

B43L 23/08

IPC 8 full level

B43L 23/08 (2006.01)

CPC (source: EP US)

B43L 23/08 (2013.01 - EP US); **B43L 23/085** (2013.01 - EP US)

Cited by

DE102017107006B3

Designated contracting state (EPC)

DE FR GB IE IT

DOCDB simple family (publication)

EP 1070601 A1 20010124; **EP 1070601 B1 20020502**; DE 19934691 A1 20010125; DE 50000153 D1 20020606; US 6397479 B1 20020604

DOCDB simple family (application)

EP 00105782 A 20000318; DE 19934691 A 19990723; DE 50000153 T 20000318; US 57591300 A 20000523