

Title (en)  
Pencil sharpener

Title (de)  
Stiftspitzer

Title (fr)  
Taille-crayon

Publication  
**EP 1808310 B1 20080716 (DE)**

Application  
**EP 06025767 A 20050901**

Priority  
EP 05019035 A 20050901

Abstract (en)  
[origin: EP1759876A1] The sharpener has a sharpener body with a guide sleeve (4) that includes a bore defining a pencil guiding channel (9) of sharpener units. Flat supporting wings (6, 7) project from the sleeve. A functional element is provided for working on a tip of the pencil in an end region of one of the wings that is directed away from the sleeve. Each wing is bent along a film strip (34) acting as a preset bending point or a separating point, such that the element is moved away from a position in which the element engages with the channel. The units are connected via the film strip.

IPC 8 full level  
**B43L 23/08** (2006.01); **A45D 40/08** (2006.01); **A45D 40/20** (2006.01)

CPC (source: EP US)  
**B43L 23/08** (2013.01 - EP US); **B43L 23/085** (2013.01 - EP US); **A45D 2040/201** (2013.01 - EP US); **A45D 2040/202** (2013.01 - EP US)

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 1759876 A1 20070307**; **EP 1759876 B1 20080319**; DE 502005003347 D1 20080430; DE 502005004758 D1 20080828;  
EP 1808310 A1 20070718; EP 1808310 B1 20080716; US 2007044327 A1 20070301; US 7363714 B2 20080429

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**EP 05019035 A 20050901**; DE 502005003347 T 20050901; DE 502005004758 T 20050901; EP 06025767 A 20050901;  
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