

Title (en)  
Pencil sharpener for carpenter's pencil

Title (de)  
Spitzer, insbesondere für einen Zimmermannsstift

Title (fr)  
Taille-crayon pour crayon de charpentier

Publication  
**EP 1462273 A1 20040929 (EN)**

Application  
**EP 03290753 A 20030325**

Priority  
EP 03290753 A 20030325

Abstract (en)  
A hand-operable and portable pencil sharpener (10) which is comprised of a housing (11) having a conical cavity (12) therein. The cavity is of circular cross-section and defines an open inlet end (13) tapering to a narrow inner end (14). A collar (15) is provided about the open inlet end (13) and formed integral with the housing (11). A pencil centering insert (17) is rotatably secured in the collar by a flexible and removable snap ring (21). A slot (30) is provided along the side wall of the conical cavity (12) and a blade (32) having a sharp edge (33) is secured adjacent to the slot with the sharp edge projecting slightly into the cavity (30) whereby to shave a portion of the wood and lead on the extremity of a carpenter's pencil (36) rotated in the conical cavity and centered by a centering slot (18) in the pencil centering insert. An abrading element (40) is secured to the housing to permit the abrading of a sharp point on the end of the lead. <IMAGE>

IPC 1-7  
**B43L 23/08**; **B43L 23/00**

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

CPC (source: EP)  
**B43L 23/00** (2013.01); **B43L 23/08** (2013.01)

Citation (search report)  
• [Y] WO 0053431 A2 20000914 - PENSHAR LLC [US]  
• [Y] US 4081010 A 19780328 - GALLI LUIGI

Cited by  
CN104354509A

Designated contracting state (EPC)  
CH DE ES FR GB IT LI

DOCDB simple family (publication)  
**EP 1462273 A1 20040929**

DOCDB simple family (application)  
**EP 03290753 A 20030325**