

Title (en)
RECIPROCATING BLADE SYSTEM FOR KNIVES, ENABLING HIGHER CUTTING EFFICIENCY WITHOUT PULLING ON THE OBJECT TO BE CUT

Title (de)
OSZILLIERENDES WIEGEMESSERSYSTEM

Title (fr)
SYSTEME DE LAME OSCILLANTE POUR COUTEAUX, PERMETTANT D'OBTENIR UNE GRANDE EFFICACITE DE COUPE SANS TIRER SUR L'OBJET A COUPER

Publication
EP 1594662 A1 20051116 (FR)

Application
EP 03789501 A 20031125

Priority
• FR 0303486 W 20031125
• FR 0215984 A 20021217

Abstract (en)
[origin: FR2848491A1] The system has a blade (1) in the form of curve and fixed to a support (3) that ends in a handle (4). The blade oscillates along an axis (2) such that cutting edges (5) of the blade makes a to and fro movement based on the forward and backward movement of the handle. The axis is shifted slightly to the left of the curve of the blade to increase the depth of the cut by pulling the handle towards the back and vice versa. An Independent claim is also included for a knife incorporating the oscillating blade system.

IPC 1-7
B26B 3/00; **B26B 25/00**

IPC 8 full level
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CPC (source: EP US)
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