

Title (en)
STRIP-SHAPED OR RECIPROCATING KNIFE

Title (de)
BAND- ODER GATTERMESSER

Title (fr)
DISPOSITIF COUPANT ALTERNATIF OU SOUS FORME DE BANDE

Publication
EP 1030763 B1 20011010 (DE)

Application
EP 98962210 A 19981105

Priority
• DE 9803223 W 19981105
• DE 19749561 A 19971110

Abstract (en)
[origin: US6382068B1] A strip-shaped or reciprocating knife has at least one elongated cutting blade (1) provided with a plurality of cutting teeth (2) and intermediate cutting gaps (5), the cutting teeth (2) being provided with additional, finer teeth (8). In order to achieve from beginning to end a smooth and clean cut of the goods to be cut, the additional teeth (8) are produced by providing opposite tooth spaces (9) on both sides of the knife, arranged so close to one another that sharp teeth (12) are formed between the spaces. The additional teeth provided on both sides of the knife form a sharp cutting edge which is symmetrically arranged on both sides of the knife and extends over the cutting teeth (2).

IPC 1-7
B26D 1/00

IPC 8 full level
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CPC (source: EP US)
B26D 1/0006 (2013.01 - EP US); **B26D 1/46** (2013.01 - EP US); **B26D 2001/0013** (2013.01 - EP US); **B26D 2001/006** (2013.01 - EP US); **Y10T 83/9348** (2015.04 - EP US)

Cited by
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US 6382068 B1 20020507; AT E206654 T1 20011015; CA 2299446 A1 19990520; CA 2299446 C 20040629; DE 19749561 A1 19990527; DE 19749561 C2 20000621; DE 59801714 D1 20011115; DK 1030763 T3 20020128; EP 1030763 A1 20000830; EP 1030763 B1 20011010; ES 2162487 T3 20011216; JP 2001522733 A 20011120; PL 187058 B1 20040531; PL 340406 A1 20010129; WO 9924228 A1 19990520

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