

Title (en)

Knife having a spiral cutting edge

Title (de)

Messer mit einer spiralförmigen Schneidkante

Title (fr)

Couteau ayant une lame en forme de spirale

Publication

**EP 0548615 B1 19961016 (DE)**

Application

**EP 92120614 A 19921203**

Priority

DE 4142937 A 19911224

Abstract (en)

[origin: US5291815A] For dividing a chunk of material which comprises areas tending to deform as well as rigid areas, a cutter with a spiral cutting edge is provided. The cutting edge has two sections of which the first in the direction of rotation, is unserrated and undergoes a relatively rapid increase of radius. The second section in the direction of rotation is serrated and follows a minimal increase of radius. With a cutter thus designed, material can be cut smoothly in the region of its deformable portion and can be sawed just as smoothly in the region of its rigid portion.

IPC 1-7

**B26D 1/00**

IPC 8 full level

**B26D 1/00** (2006.01)

CPC (source: EP US)

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Cited by

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**DE 4142937 C1 19921224**; DE 59207379 D1 19961121; DK 0548615 T3 19970324; EP 0548615 A1 19930630; EP 0548615 B1 19961016; ES 2093167 T3 19961216; US 5291815 A 19940308

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