

Title (en)
Device for cutting wood

Title (de)
Vorrichtung zum Ablängen von Holz

Title (fr)
Equipement pour le tronçonnage de bois

Publication
EP 0792728 A3 19980304 (DE)

Application
EP 97101254 A 19970128

Priority
DE 19607558 A 19960229

Abstract (en)
[origin: EP0792728A2] The arrangement consists of a housing with feed-in opening and outlet opening, in which a motor driven cutter is mounted. The cutter can be in the form of a spiral screw. The sharp edge of the spiral cuts the wood while at the same time it moves the wood through the housing. The length of the sections cut-off is equal to the pitch of the spiral which is a fixed distance. Alternatively the cutter can be in the shape of an Archimedean spiral which is arranged on a circular disc from which it extends at right angles.

IPC 1-7
B26D 1/00; **B26D 7/06**; **B27L 7/04**; **B27L 7/02**; **B27M 1/00**; **B26D 1/36**

IPC 8 full level
B26D 1/00 (2006.01); **B26D 1/36** (2006.01); **B26D 7/06** (2006.01); **B27L 7/02** (2006.01); **B27L 7/04** (2006.01); **B27L 11/00** (2006.01); **B27M 1/00** (2006.01)

CPC (source: EP)
B26D 1/0006 (2013.01); **B26D 7/065** (2013.01); **B27L 7/02** (2013.01); **B27L 7/04** (2013.01); **B27L 11/005** (2013.01); **B26D 2001/006** (2013.01)

Citation (search report)

- [X] WO 8402871 A1 19840802 - VUOLLET MARTTI
- [X] US 4431039 A 19840214 - BARWISE ROBERT D [US], et al
- [X] EP 0019092 A1 19801126 - KOPO KONEPOHJA OY [FI]
- [X] US 4053004 A 19771011 - BARWISE ROBERT D, et al
- [X] WO 8204449 A1 19821223 - WEXELL HARRY WILHELM, et al
- [XA] WO 8403655 A1 19840927 - VUOLLET MARTTI
- [X] US 4834155 A 19890530 - VUOLLET MARTTI [FI]
- [A] DATABASE WPI Section PQ Week 8612, Derwent World Patents Index; Class P63, AN 86-080194, XP002051399
- [A] DATABASE WPI Section PQ Week 8537, Derwent World Patents Index; Class P63, AN 85-228695, XP002051400

Cited by
CN107639688A; ITBO20090171A1; US7210509B2

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AT CH DE DK FI FR LI SE

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EP 0792728 A2 19970903; **EP 0792728 A3 19980304**; **EP 0792728 B1 20011031**; AT E207792 T1 20011115; DE 19607558 C1 19970528; DE 59705124 D1 20011206

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EP 97101254 A 19970128; AT 97101254 T 19970128; DE 19607558 A 19960229; DE 59705124 T 19970128