

Title (en)

PORTABLE SAWING MACHINE WITH AN ELECTRONICALLY CONTROLLED ELECTRICALLY ADJUSTABLE FOOT, FOR STRIPPING OFF BARK, ESPECIALLY CORK

Title (de)

HANDSÄGE MIT ELEKTRONISCH GESTEUERTEM UND ELEKTRISCH VERSTELLBAREM SCHUH ZUM ENTRINDEN VON INSBESONDERE KORK

Title (fr)

MACHINE A SCIER PORTABLE MUNI D'UN PIED A COMMANDE ELECTRONIQUE ET REGLAGE ELECTRIQUE POUR ECORCER, EN PARTICULIER UN CHENE-LIEGE

Publication

**EP 1069975 A1 20010124 (EN)**

Application

**EP 98908278 A 19980305**

Priority

- IT 9800047 W 19980305
- IT MI980268 A 19980213

Abstract (en)

[origin: WO9941051A1] Portable electric machine (10) for stripping cork bark (92) with a sawtoothed blade (35), a device with a fork-shaped foot (50) that embraces the saw (35) that makes contact with the bark (92), a high-conduction needle (85) to be pressed into the cambium (91) and a microprocessor (61) that, in accordance with the variations in electric resistance between the tip of the saw (35), inserted in the insulating cork (92), and the electrically conducting cambium (91), determines movement of the foot (50) so that its distance from the tip of the saw, from one position to the next and moment by moment, is substantially equal to the thickness of the cork bark (92) thus permitting maximum penetration of the saw (35) while ensuring integrity of the cambium (91).

IPC 1-7

**B27L 1/06**; **B27L 1/00**; **B23D 59/00**

IPC 8 full level

**B23D 59/00** (2006.01); **B27L 1/00** (2006.01); **B27L 1/06** (2006.01)

CPC (source: EP)

**B23D 59/001** (2013.01); **B27L 1/005** (2013.01); **B27L 1/06** (2013.01)

Citation (search report)

See references of WO 9941051A1

Designated contracting state (EPC)

ES FR PT

DOCDB simple family (publication)

**WO 9941051 A1 19990819**; AU 6635298 A 19990830; EP 1069975 A1 20010124; IT 1298236 B1 19991220; IT MI980268 A1 19990813

DOCDB simple family (application)

**IT 9800047 W 19980305**; AU 6635298 A 19980305; EP 98908278 A 19980305; IT MI980268 A 19980213