

Title (en)

TREE SUPPORT, CONSISTING OF A HOUSING AND CLAMP MEANS PROVIDED THEREIN FOR A TRUNK

Publication

**EP 0236806 B1 19890419 (DE)**

Application

**EP 87102292 A 19870218**

Priority

DE 3606778 A 19860301

Abstract (en)

[origin: US4712328A] A tree stand for holding and supporting a tree having a trunk, the stand having a casing with an inner wall with spirally-curved surfaces, and a guide piece disposed in the center of the casing having guide curves each with a curvature corresponding with the curvature of the spirally-curved surfaces of the inner wall of said casing. Clamping cylinders are disposed inside of the casing between the guide piece and the spirally-curved surfaces of the casing inner wall. A cover is rotatably mounted over the top of the casing and is coupled to each of the clamping cylinders so that when the cover is rotated, the clamping cylinders move within the spirally-curved surfaces of said guide piece and said inner wall of said casing so that said cylinders spirally close upon the trunk of the tree. The cover is also provided with a lock coupled to the casing so that the cover can be locked in place with respect to the casing after the tree trunk is gripped. Gripping recesses are fitted into the top surface of the cover to aid in rotating the cover. The cover includes a central opening for receiving the tree trunk.

IPC 1-7

**A01G 17/04; A47G 33/12**

IPC 8 full level

**A01G 17/04** (2006.01); **A47G 33/12** (2006.01)

CPC (source: EP US)

**A47G 33/1213** (2013.01 - EP US)

Cited by

GB2208591A; GB2208591B

Designated contracting state (EPC)

AT BE CH ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0236806 A1 19870916; EP 0236806 B1 19890419**; AT E42185 T1 19890515; CA 1270803 A 19900626; CA 1270803 C 19900626; DE 3606778 A1 19870903; DE 3606778 C2 19900531; DK 102487 A 19870902; DK 102487 D0 19870227; ES 2007569 B3 19901116; FI 82360 B 19901130; FI 82360 C 19910311; FI 870687 A0 19870219; FI 870687 A 19870902; NO 166264 B 19910318; NO 166264 C 19910626; NO 870669 D0 19870219; NO 870669 L 19870902; US 4712328 A 19871215

DOCDB simple family (application)

**EP 87102292 A 19870218**; AT 87102292 T 19870218; CA 530814 A 19870227; DE 3606778 A 19860301; DK 102487 A 19870227; ES 87102292 T 19870218; FI 870687 A 19870219; NO 870669 A 19870219; US 2051987 A 19870302