

Title (en)

Tree support, consisting of a housing and clamp means provided therein for a trunk.

Title (de)

Baumständer, bestehend aus einem Gehäuse und darin angeordneten Spannmitteln für einen Baumstamm.

Title (fr)

Support pour arbre comportant un châssis dans lequel sont disposés des moyens de serrage du tronc de l'arbre.

Publication

EP 0236806 A1 19870916 (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.

Abstract (de)

Baumständer, bestehend aus einem Gehäuse und darin angeordneten Spannmitteln für einen Baumstamm, wobei die innere Wandung (19) des Gehäuses (1) mehrere spiralförmig gekrümmte Flächen (2a, 2b, 2c) aufweist, und wobei in der Mitte des Gehäuses (1) ein Führungsteil (6) mit mehreren Führungskurven (7a, 7b, 7c) angeordnet ist, deren Krümmung der gekrümmten Fläche (2a, 2b, 2c) entspricht. Zwischen Führungsteil (6) und gekrümmter Fläche (2a, 2b, 2c) sind die z.B. als Spannrollen (4a, 4b, 4c) ausgebildeten Spannmittel für den Baumstamm angeordnet. Relativ zum Gehäuse (1) sind verdrehbare Betätigungselemente (16a, 16b, 16c) für die Spannmittel vorgesehen.

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

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)

Citation (search report)

- [A] US 2478278 A 19490809 - LOTHAR KIESOW
- [A] DE 7533510 U 19760422

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