

Title (en)

Lengthwise adjustable pole, especially adapted for a ski pole or a walking stick

Title (de)

Längenverstellbares Rohr, insbesondere für Ski- oder Wanderstöcke

Title (fr)

Tube réglable en longueur, en particulier pour bâton de ski ou canne de marche

Publication

**EP 0872648 A3 20000223 (DE)**

Application

**EP 98105693 A 19980328**

Priority

DE 29706849 U 19970416

Abstract (en)

[origin: EP0872648A2] The device consists of an inner and an outer tube (11,12), and an expander unit (15) on the inner tube, to clamp it axially. The expander unit has a radially expandable element (16) with internal cone, and an internal element (17), which has a complementary outer cone and slides axially in the expander element. The device also has an axially directed adjusting screw (18). The screw is non-turnably held on the inner tube, it meshes with an internally threaded bore (21) in the internal element, and its end engages behind the internal element.

IPC 1-7

**F16B 7/14**; **A63C 11/22**; **A45B 9/00**

IPC 8 full level

**A45B 9/00** (2006.01); **A63C 11/22** (2006.01)

CPC (source: EP)

**A45B 9/00** (2013.01); **A63C 11/221** (2013.01); **A45B 2009/007** (2013.01)

Citation (search report)

- [XA] DE 739133 C 19430913 - KOLBJORN KNUTSEN & CO AS, et al
- [XA] DE 1058889 B 19590604 - JOSEF ROSSKOPF JUN
- [A] US 4134703 A 19790116 - HINNERS EARL S
- [A] US 4167352 A 19790911 - PLETSCHER OSKAR

Cited by

DE202015105011U1; EP2113674A1; FR2816515A1; DE10021825A1; DE10021825B4

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**DE 29706849 U1 19980813**; EP 0872648 A2 19981021; EP 0872648 A3 20000223

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