

Title (en)

A shelf support and a device for moving said support

Title (de)

Ein Regalträger und eine Vorrichtung zur Bewegung des Trägers

Title (fr)

Un support d'étagère et un dispositif pour bouger ledit support

Publication

EP 1172048 A2 20020116 (EN)

Application

EP 01202272 A 20010613

Priority

SE 0002221 A 20000614

Abstract (en)

This invention relates to a shelf support and a device for moving said support (2) along a path wherein said device comprises an arm (1) that is pivotally and fixedly connected to a base (9), about an axis of rotation (6) at one end of the arm (1) and said shelf support (2) is pivotally suspended by a support shaft (5) which is pivotally connected to said arm (1), which shaft (5) is spaced apart from said axis of rotation (6), said device comprising: a load transmission device (13) at the axis of rotation (6), which load transmission device (13) is operatively fixedly, connected to the base (9), at least one rotating device (16) pivotally mounted in the arm (1) about said support shaft (5), an elongate rotation transmission device (14), which extends at least from the load transmission device (13) to the rotating device (16), and wherein said, rotating means (16) is operatively fixedly connected to said support (2), so that when the arm (1) is turned about the axis of rotation (6) the load transmission device (13) transmits the relative rotational movement between the arm (1) and the load transmission device (13) via the rotation transmission device (14) to the rotating device (16), so that the position of the support (2) is controlled dependent upon the position of the arm (1) wherein said elongate rotation transmission device (14) having one inner end (14A) and one outer end (14B) wherein said inner end (14A) is fixedly attached in relation to said base (9) and said outer end (14B) is fixedly attached to said rotating device (16). <IMAGE>

IPC 1-7

A47B 46/00; **A47B 51/00**

IPC 8 full level

A47B 46/00 (2006.01); **A47B 96/14** (2006.01)

CPC (source: EP)

A47B 46/005 (2013.01); **A47B 96/1433** (2013.01); **A47B 2200/13** (2013.01)

Citation (applicant)

- NO 163162 B
- DE 1554464 A1 19710909 - SCHLENK GEORG DIPL ING [DE], et al
- DE 3215572 A1 19831027 - DROEGE HERMANN
- DE 3914307 A1 19901031 - ZIMMERMANN NORBERT [DE]
- DE 2721307 A1 19781123 - HETTICH HETAL WERKE
- EP 0242811 A2 19871028 - APFELBAUM WILHELM
- EP 0661015 A1 19950705 - ENGELAND MANAGEMENT BV VAN [NL]
- EP 0402283 A1 19901212 - CIEDIL [FR]

Cited by

EP1990494A1; GB2371470B; DE102007026876A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1172048 A2 20020116; **EP 1172048 A3 20040506**; SE 0002221 D0 20000614

DOCDB simple family (application)

EP 01202272 A 20010613; SE 0002221 A 20000614