

Title (en)

AN ARRANGEMENT FOR ATTACHING BALL BEARINGS, ROLLER BEARINGS, GEARS, BELT SHEAVERS OR THE LIKE ONTO SHAFTS

Title (de)

ANORDNUNG ZUM BEFESTIGEN VON KUGELLAGERN, WALZLAGERN, ZAHNRÄDERN, RIEMENSCHLEIBEN USW AUF WELLEN

Title (fr)

DISPOSITIF DE FIXATION SUR UN ARBRE DE ROULEMENTS A BILLES OU A ROULEAUX, DE PIGNONS, DE POULIES, ETC.

Publication

EP 0706618 A1 19960417 (EN)

Application

EP 93916300 A 19930629

Priority

- NO 9300096 W 19930629
- NO 931836 A 19930519

Abstract (en)

[origin: WO9428325A1] An arrangement for preventing axial travel of a sleeve that secures clamps a functional member, e.g. a bearing (1) onto a rotating shaft (10), the sleeve consisting of two concentric, cylindrical parts - an inner part (15) having threads on the outside and an outer (16) with corresponding threads on the inside -, coaxing stop means (27), and wrench grip. Beads (17, 18; 25, 26) are located on the inside and outside of the sleeve. The thread faces (20, 24; 31, 32) of the sleeve are limited to obtain continuous loading at two circular zones on the sleeve parts. One half of the inner part (29) may have an external right-hand thread and the other half left-hand thread. The outer part (30) will internally have corresponding threads, respectively. Both sleeve parts (15, 16; 29, 30) have slot means (44, 45).

IPC 1-7

F16D 1/08; F16C 35/073

IPC 8 full level

F16C 35/073 (2006.01); **F16D 1/06** (2006.01); **F16D 1/08** (2006.01); **F16D 1/091** (2006.01); **F16D 1/094** (2006.01)

CPC (source: EP)

F16C 35/073 (2013.01); **F16D 1/094** (2013.01); **F16C 19/06** (2013.01); **F16C 2226/16** (2013.01)

Citation (search report)

See references of WO 9428325A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9428325 A1 19941208; AU 4590193 A 19941220; EP 0706618 A1 19960417; JP H08510538 A 19961105; NO 931836 D0 19930519

DOCDB simple family (application)

NO 9300096 W 19930629; AU 4590193 A 19930629; EP 93916300 A 19930629; JP 50049895 A 19930629; NO 931836 A 19930519