

Title (en)

Winding shaft with friction coupling

Title (de)

Friktionswickelwelle

Title (fr)

Arbre d'enroulement avec accouplement à friction

Publication

EP 1316524 B1 20060906 (DE)

Application

EP 01128585 A 20011130

Priority

EP 01128585 A 20011130

Abstract (en)

[origin: EP1316524A1] Friction winding shaft comprises a number of rings (12) arranged next to each other and placed on a central drive shaft (8). The rings each have an outer surface (23) with clamping bodies (25) distributed on the periphery of the ring. The clamping bodies are received in recesses (29) of the rings and pivot about axes parallel to the friction winding shaft axis. The recesses interact with stopping surface (30, 31) which limit the pivoting movement. The stopping surfaces are dimensioned and arranged so that the clamping bodies determine a circular line (42) with their tips (27). <??>Preferred Features: During winding, each clamping body is supported by a cylindrical base body on the base of the recess. Each recess for receiving a clamping body is formed in an axis symmetrical manner to a symmetrical axis formed by a radial projection of the ring.

IPC 8 full level

B65H 75/08 (2006.01)

CPC (source: EP US)

B65H 75/246 (2013.01 - EP US); **B65H 2403/731** (2013.01 - EP US)

Cited by

DE202012102400U1; CN114180401A; CN109455375A; EP2679529A3; EP2679529A2; US9033128B2

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