

Title (en)  
WINDING APPARATUS

Publication  
**EP 0395043 A3 19910731 (DE)**

Application  
**EP 90107909 A 19900426**

Priority  
DE 3913919 A 19890427

Abstract (en)  
[origin: JPH0395056A] PURPOSE: To enable the operation under the environment of a clean room by providing a means for generating an electromagnetic coupling magnetic field between a hub element and a core support on a torque-transmission device so as to sufficiently transmit torque from the hub element to the core support. CONSTITUTION: A torque-transmission device for transmitting torque from a reel shaft 1 to a reel core 2 is provided with a sliding hub element 4 arranged on the reel shaft 1, and a core support 6 to be slid in the reel core 2 and attached on the reel core 2 in the rotational and axial direction. This torque- transmission device is arranged along the radial direction between the reel shaft 1 and the reel core 2, and the hub element 4 is attached on the reel shaft 1 along the axial direction. Moreover, the torque-transmission device is provided with means (permanent magnets) 18 to 23 for generating an electromagnetic coupling field between the hub element 4 and the core support 6 for sufficiently transmitting torque between respective members.

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**B65H 18/10**

IPC 8 full level  
**B65H 18/04** (2006.01); **B65H 18/10** (2006.01)

CPC (source: EP US)  
**B65H 18/106** (2013.01 - EP US); **B65H 2301/4148** (2013.01 - EP US); **B65H 2555/23** (2013.01 - EP US)

Citation (search report)

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