

Title (en)  
DEVICE FOR WINDING THREADS.

Title (de)  
AUFSPULVORRICHTUNG FÜR FÄDEN.

Title (fr)  
DISPOSITIF DE BOBINAGE POUR FILS.

Publication  
**EP 0031821 A1 19810715 (DE)**

Application  
**EP 80901178 A 19810209**

Priority  
CH 640879 A 19790710

Abstract (en)  
[origin: WO8100248A1] The device for winding threads or similar comprises a friction driving shaft (14) and a bobbin holder shaft (11). The bobbin holder shaft (11) is overhung allowing an easy access. To eliminate any deflection of the parallelism of the two shafts (11, 14), that is to say to obtain perfect bobbins (12) a coupling means (20) is coupled to the shaft (11) which slides during the winding causing a forced parallelism of the two shafts (11, 14).

Abstract (fr)  
Le dispositif de bobinage pour fils ou analogue comprend un arbre d'entrainement par friction (14) et un arbre porte-bobines (11). L'arbre porte-bobines (11) est en porte-a-faux permettant un acces facile. Pour eviter la moindre deviation du parallelisme des deux arbres (11, 14), c'est-a-dire pour obtenir des bobines impeccables (12) un moyen de couplage (20) est accouple avec l'arbre (11) qui coulisse pendant le bobinage ce qui provoque un parallelisme force des deux arbres (11, 14).

IPC 1-7  
**B65H 54/54**

IPC 8 full level  
**B65H 54/547** (2006.01); **B65H 54/54** (2006.01)

CPC (source: EP US)  
**B65H 54/52** (2013.01 - EP US); **B65H 54/547** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Cited by  
CN104555596A

Designated contracting state (EPC)  
AT CH DE FR GB NL

DOCDB simple family (publication)  
**WO 8100248 A1 19810205**; AU 6027180 A 19810115; BR 8008752 A 19810526; DE 3066047 D1 19840209; EP 0031821 A1 19810715; EP 0031821 B1 19840104; ES 493613 A0 19810601; ES 8105225 A1 19810601; HK 92385 A 19851129; IN 152736 B 19840324; IT 1131942 B 19860625; IT 8023346 A0 19800709; JP H0253348 B2 19901116; JP S56500883 A 19810702; US 4394985 A 19830726

DOCDB simple family (application)  
**EP 8000037 W 19800626**; AU 6027180 A 19800709; BR 8008752 A 19800626; DE 3066047 T 19800626; EP 80901178 A 19810209; ES 493613 A 19800708; HK 92385 A 19851121; IN 769CA1980 A 19800703; IT 2334680 A 19800709; JP 50142280 A 19800626; US 24392281 A 19810310