

Title (en)
Spring roller

Title (de)
Federwelle

Title (fr)
Rouleau à ressort

Publication
EP 1302620 A3 20040102 (DE)

Application
EP 02450202 A 20020909

Priority
AT 7892001 U 20011015

Abstract (en)
[origin: EP1302620A2] Spring shaft for rollable flat bodies comprises a fabric shaft coupled to one end of a spring (6) whose other end is connected to a fixed clamping part (8). A coupling (25, 26) locking under the action of the axial tension of the spring prevents release of the spring. <??
>Preferred Features: One part (26) of the coupling is provided on a spring guide rod (12) which is coupled to the tension part so that it cannot rotate, and the other part (25) of the coupling is provided on a spring receiving part (15) receiving the other end of the spring and connected to the fabric shaft so that it cannot rotate.

IPC 1-7
E06B 9/60; E06B 9/50

IPC 8 full level
E06B 9/42 (2006.01); **E06B 9/60** (2006.01)

CPC (source: EP)
E06B 9/42 (2013.01); **E06B 9/60** (2013.01)

Citation (search report)
[A] DE 500236 C 19300619 - PAUL SCHULTES

Cited by
DE102006021586B3; GB2481448A; EP4382704A1; EP1703071A1; US11454063B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
DE 20117440 U1 20020124; AT 5643 U1 20020925; EP 1302620 A2 20030416; EP 1302620 A3 20040102

DOCDB simple family (application)
DE 20117440 U 20011024; AT 7892001 U 20011015; EP 02450202 A 20020909