

Title (en)

Reel for sewing threads with axially movable flange to retain the free end of the thread.

Title (de)

Spule für Nähfaden mit einem axial beweglichen Flansch, um das freie Fadenende zu fixieren.

Title (fr)

Bobine pour fils à coudre avec une joue de bobine mobile axialement pour la fixation du bout de fil libre.

Publication

EP 0306808 A1 19890315 (EN)

Application

EP 88114123 A 19880830

Priority

IT 2187987 A 19870911

Abstract (en)

The present invention concerns a reel for sewing threads, of the type comprising a cylindrical body (1) having at one end a widened base (2) and a flange collar (3) close to said base. The widened base has an inner rim (2a) surrounding the cylindrical body, to which it is fixed through a plurality of breakable staples (4). Once the thread has been wound, some turns are wound between the flange and the widened base, this latter is then pressed towards the flange causing the breakage of the staples (4) and the fitting of the base into a saw-toothed rib (5) provided on the cylindrical body (1). In this way, the widened base remains in close contact with the flange and guarantees, thanks to the resiliency of this latter, a reliable means of thread retention during the automatic packaging of the reel and during use thereof.

IPC 1-7

B65H 75/28

IPC 8 full level

B65H 75/28 (2006.01)

CPC (source: EP)

B65H 75/28 (2013.01); **B65H 2701/31** (2013.01); **B65H 2701/532** (2013.01)

Citation (search report)

- DE 2603133 A1 19760805 - GUETERMANN & CO
- DE 2656326 A1 19780622 - HACOPA TEXTILMASCHINEN
- DE 2701839 A1 19780720 - ACKERMANN GOEGGINGEN AG
- EP 0164021 A2 19851211 - CUCIRINI TRE STELLE MANIFATTUR [IT]

Cited by

ES2048044A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0306808 A1 19890315; IT 1222640 B 19900905; IT 8721879 A0 19870911

DOCDB simple family (application)

EP 88114123 A 19880830; IT 2187987 A 19870911