

Title (en)

Bobbin and in particular a yarn wound bobbin

Title (de)

Spule und insbesondere eine mit Garn bewickelte Spule

Title (fr)

Bobine et notamment une bobine enroulée de fil textile

Publication

EP 1666397 A2 20060607 (DE)

Application

EP 05025851 A 20051126

Priority

DE 102004058325 A 20041202

Abstract (en)

The region (2) carrying the yarn is conical, e.g. with a taper angle (alpha) relative to the axis (11) of 1.5 to 3 [deg] and has a rough surface. The bottom flange (3) is a truncated cone made in one piece with the yarn region (2) and includes a device for holding the yarn end. This can be an axially sliding ring (9) that can trap the yarn in a slot formed with a cylindrical section (5). The yarn end can also be held on an adhesive surface. The yarn region (2) is formed by a hollow tube, which should deflect no more than 0.1 to 0.2 mm under a yarn winding load (14) of 15 N/mm². The yarn can be precision wound to give a yarn package with a Shore hardness between 60 and 70 [deg].

IPC 8 full level

B65H 75/12 (2006.01); **B65H 75/28** (2006.01)

CPC (source: EP US)

B65H 75/12 (2013.01 - EP US); **B65H 75/28** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

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