Title (en)
DEVICE FOR FORMING A YARN TAIL WINDING

Publication
EP 0148419 B1 19870722 (DE)

Application
EP 84114816 A 19841205

Priority
DE 3344645 A 19831209

Abstract (en)
[origin: US4687148A] In an apparatus for forming a thread-reserve winding, with a bobbin plate (4) which rotates together with the bobbin tube (3) and which engages by means of a centering shoulder into the inside diameter of the bobbin tube and has a thread-catching device, there are arranged on the periphery of the bobbin plate (4) slits (40) which extend in a radial direction up to the inner centering shoulder. The slits (40) can be made straight or arcuate and, to guarantee that the thread is caught particularly securely, form their entrance at an acute angle with the tangent to the periphery of the bobbin plate (4). To bring the thread into a position favorable for catching it, two thread guide elements (7, 8) can be moved into the thread path extending from a thread draw-off pipe (1) to a thread-suction device (6). These feed the thread to the thread-catching device approximately parallel to the tube axis.

IPC 1-7
B65H 54/34

IPC 8 full level
B65H 54/34 (2006.01); B65H 65/00 (2006.01); B65H 67/04 (2006.01); D01H 1/38 (2006.01)

CPC (source: EP US)
B65H 54/343 (2013.01 - EP US); B65H 65/00 (2013.01 - EP US); B65H 2701/31 (2013.01 - EP US)

Citation (examination)
EP 0069205 A1 19830112 - SCHUBERT & SALZER MASCHINEN [DE]

Cited by
EP1055630A3; US5511734A; WO2020254598A1

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