

Title (en)

Apparatus for forming a yarn reserve winding and a cross wound bobbin on a bobbin tube

Title (de)

Vorrichtung zum Aufwickeln einer Fadenreserve und einer Kreuzspule auf eine Spulenhülse

Title (fr)

Dispositif pour la formation d'une réserve de fil et une bobine à fils croisés sur un tube-bobine

Publication

**EP 1520824 B1 20070502 (DE)**

Application

**EP 04018190 A 20040731**

Priority

DE 10346096 A 20031004

Abstract (en)

[origin: EP1520824A2] The assembly to wind cross wound bobbins has a centering plate (4) with at least one suction channel (4.1) extending radially inwards from the circumference. The channel opens into a hollow axis (2), and passes outwards through the bobbin frame arm (1). A suction head (A) can be applied in an axial direction, fitted with a yarn clamp (17,18) and a yarn cutting blade (31).

IPC 8 full level

**B65H 54/34** (2006.01); **B65H 54/26** (2006.01); **B65H 54/553** (2006.01); **B65H 54/71** (2006.01)

CPC (source: EP US)

**B65H 54/343** (2013.01 - EP US); **B65H 54/553** (2013.01 - EP US); **B65H 54/71** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Cited by

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**EP 1520824 A2 20050406**; **EP 1520824 A3 20050720**; **EP 1520824 B1 20070502**; CN 100484855 C 20090506; CN 1603219 A 20050406; DE 10346096 A1 20050504; DE 10346096 B4 20050811; JP 2005112632 A 20050428; US 2005082416 A1 20050421; US 6942174 B2 20050913

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