

Title (en)
BOBBIN

Publication
EP 0131786 B1 19890426 (DE)

Application
EP 84107225 A 19840623

Priority
CH 393983 A 19830719

Abstract (en)
[origin: US4533046A] The wound body or package comprises a band or tape or the like which is wound thereon in the form of parallel windings or layers. At the central region of the wound package there is arranged a continuous or through-passing axial opening which is bounded by an inner winding layer of the wound band or tape. This inner winding layer together with the neighboring winding layers form a support body for the wound package. In this way there can be precluded the need to use any extraneous support body formed of a separate material.

IPC 1-7
B65H 55/04

IPC 8 full level
B65H 55/00 (2006.01); **B65H 75/00** (2006.01)

CPC (source: EP US)
B65H 55/00 (2013.01 - EP US); **B65H 75/00** (2013.01 - EP US); **B65H 2701/37** (2013.01 - EP US); **Y10S 242/02** (2013.01 - EP US)

Designated contracting state (EPC)
BE CH DE FR GB LI NL SE

DOCDB simple family (publication)
EP 0131786 A1 19850123; EP 0131786 B1 19890426; DE 3477918 D1 19890601; FI 75548 B 19880331; FI 75548 C 19880711;
FI 842858 A0 19840716; FI 842858 A 19850120; JP S6040379 A 19850302; US 4533046 A 19850806

DOCDB simple family (application)
EP 84107225 A 19840623; DE 3477918 T 19840623; FI 842858 A 19840716; JP 14520184 A 19840712; US 62414784 A 19840625