

Title (en)
Tube with titer indicating ring

Title (de)
Hülse mit Titer-Ring

Title (fr)
Tube avec anneau indicateur de titre

Publication
EP 0700857 B1 19991229 (DE)

Application
EP 95112439 A 19950808

Priority
DE 4432060 A 19940909

Abstract (en)
[origin: EP0700857A2] The titer ring (1) is manufactured from recyclable material, and is fitted into the bobbin (2). It consists of the same, or a similar material as the bobbin, e.g. cellulose, esp. cardboard. The ring is formed by a ring disc with an approx. central hole (58). The outer diameter of the ring is slightly larger than the internal diameter of the sleeve. The ring is inserted into the bobbin from one end, and supports itself on a stop of a flared flange. For insertion, the ring is deformed conically resp. in a funnel shape, and is returned to its original shape afterwards, so that it fits by pretension.

IPC 1-7
B65H 67/06

IPC 8 full level
B65H 67/06 (2006.01); **B65H 75/18** (2006.01)

CPC (source: EP)
B65H 67/063 (2013.01); **B65H 75/182** (2013.01); **B65H 2701/31** (2013.01)

Cited by
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Designated contracting state (EPC)
AT CH DE ES FR GB IT LI NL

DOCDB simple family (publication)
EP 0700857 A2 19960313; **EP 0700857 A3 19970108**; **EP 0700857 B1 19991229**; AT E188189 T1 20000115; DE 4432060 A1 19960314; DE 59507515 D1 20000203

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