

Title (en)  
Coke for yarn.

Title (de)  
Fadenhülse.

Title (fr)  
Tube de bobine.

Publication  
**EP 0392338 A1 19901017 (DE)**

Application  
**EP 90106476 A 19900405**

Priority  
CH 141289 A 19890414

Abstract (en)  
A core 21 is clamped at the top and bottom on a spindle 2 in such a way that an increasing spindle speed triggers ever firmer clamping. <IMAGE>

Abstract (de)  
Eine Hülse 21 ist oben und unten auf einer Spindel 2 aufgeklemmt, derart, dass eine zunehmende Spindeldrehzahl eine immer festere Klemmung auslöst.

IPC 1-7  
**B65H 54/54**; **B65H 75/10**; **D01H 7/16**

IPC 8 full level  
**B65H 54/54** (2006.01); **B65H 75/10** (2006.01); **D01H 7/16** (2006.01)

CPC (source: EP US)  
**B65H 54/543** (2013.01 - EP US); **B65H 75/10** (2013.01 - EP US); **D01H 7/16** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Citation (search report)

- [X] US 4428541 A 19840131 - NOVAK PETER [CH]
- [A] GB 653739 A 19510523 - JOH JACOB RIETER & CIE AG
- [A] CH 403590 A 19651130 - WINKLER JUAN LEON [CH]

Cited by  
US5292082A; EP0512935A1; FR2676237A1

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

DOCDB simple family (publication)  
**EP 0392338 A1 19901017**; **EP 0392338 B1 19950816**; AT E126555 T1 19950915; DD 299633 A5 19920430; DE 59009523 D1 19950921; JP H02295865 A 19901206; US 5065951 A 19911119

DOCDB simple family (application)  
**EP 90106476 A 19900405**; AT 90106476 T 19900405; DD 33974590 A 19900412; DE 59009523 T 19900405; JP 9662390 A 19900413; US 50796490 A 19900411