

Title (en)  
Tube disc.

Title (de)  
Hülsenteller.

Title (fr)  
Disque centreur de bobine.

Publication  
**EP 0262443 A1 19880406 (DE)**

Application  
**EP 87112848 A 19870903**

Priority  
CH 367586 A 19860912

Abstract (en)  
[origin: US4848689A] A package former support device or package tube support device for a double-armed cradle comprises a package tube support member which is provided with a detent or latching element which operatively engages or latches in an opening or notch in the package tube to prevent relative rotation between the package tube and the package tube support member.

Abstract (de)  
Ein Spulenhülsenteller (14) für einen doppelarmigen Spulbügel (nicht gezeigt) ist mit einem Mitnehmer (22) versehen, welcher in eine Kerbe (24) in der Hülse (10) einrastet, um eine relative Drehung zwischen der Hülse (10) und dem Teller (14) zu verhindern.

IPC 1-7  
**B65H 54/553**

IPC 8 full level  
**B65H 54/553** (2006.01)

CPC (source: EP US)  
**B65H 54/553** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Citation (search report)

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- [A] US 2776098 A 19570101 - BAUMANN FRANK J, et al
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- [X] RESEARCH DISCLOSURE, Nr. 139, November 1975, Seite 26, Zusammenfassung 13932, Industrial Opportunities Ltd, Havant, Hampshire, GB; "Spring clip for yarn winding chuck"

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Designated contracting state (EPC)  
CH DE GB IT LI

DOCDB simple family (publication)  
**EP 0262443 A1 19880406; EP 0262443 B1 19910327**; DE 3768898 D1 19910502; JP S6371074 A 19880331; US 4848689 A 19890718

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**EP 87112848 A 19870903**; DE 3768898 T 19870903; JP 22215087 A 19870907; US 9476387 A 19870910