

Title (en)

Storage reel assembly and a pair of matable hub members therefor.

Title (de)

Speicherspule und dazu gehörendes kuppelbares Nabepaar.

Title (fr)

Touret de stockage et paire de moyeux d'accouplement correspondants.

Publication

EP 0000239 A1 19790110 (EN)

Application

EP 78300005 A 19780601

Priority

US 80974177 A 19770624

Abstract (en)

A Storage Reel Assembly and a pair of matable hub members therefor. <??>The invention which relates to the art of packaging elongate flexible material is intended to provide a storage reel assembly comprising, as shown in Figure 1, a pair of hub members (24 and 26) which can be locked together to assemble simple annular reel end flange members (12 and 14) to a simple annular spacer member (20), the same hub members (24 and 26) being useable with a variety of different sized reel end flange members (12 and 14) and spacer members (20). As shown in Figure 2, the male hub member (26) has a series of ribs (62,964) which form a row of interrupted rings, the female hub member (24) having internal flanges (34, 36). When the hub members (24 and 26) have been mated, they are relatively rotated to engage the flanges between adjacent ribs (62 and 64).

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Citation (search report)

- [A] US 2703684 A 19550308 - WARFIELD CHARLIE W
- [A] US 1949378 A 19340227 - ROEHM JOHN G
- [A] US 1815499 A 19310721 - GEORGES DECOMBE
- [A] GB 1029820 A 19660518 - PRAKTIKUS NEUZEIT BUEROARTIKEL
- [A] DE 1211461 B 19660224 - SIEMENS AG
- [AD] AU 145690 B
- [A] US 3253802 A 19660531 - ANDERSON NEALIE T, et al
- [A] DE 7008696 U 19700611 - WAVIN BV [NL]
- [A] US 3432113 A 19690311 - FREEDMAN MYRON L
- [A] FR 1535724 A 19680809

Cited by

CN112043122A

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