

Title (en)

DEVICE FOR GUIDING A YARN UNWOUND FROM A SPOOL FITTED BENEATH ANOTHER ONE IN THE CASE OF A DOUBLE TWIST  
TWISTING SPINDLE

Publication

**EP 0064470 B1 19831123 (FR)**

Application

**EP 82420058 A 19820430**

Priority

FR 8108833 A 19810430

Abstract (en)

[origin: US4439979A] In a double twist spindle assembly of the type including a central spindle having a bore therethrough and extending through a can, the spindle supporting within the can a lower yarn package and an upper yarn package each feeding yarn into the bore of the spindle above the packages, an improved device for guiding the yarn which is unwinding from the lower package to prevent its contacting the upper package comprising a disk between the packages and a corolla device supported on the disc to guide the yarn from the lower package away from the upper package, and the corolla device comprising plural interlaced leaf members which lie against the upper package and follow its shrinking diameter so that the corolla automatically shrinks in diameter as the yarn is used up.

IPC 1-7

**D01H 1/10**

IPC 8 full level

**D01H 1/10** (2006.01)

CPC (source: EP US)

**D01H 1/108** (2013.01 - EP US)

Cited by

CN110453325A; CN103696053A; GB2137238A; FR2543171A1

Designated contracting state (EPC)

BE DE GB IT

DOCDB simple family (publication)

**EP 0064470 A1 19821110; EP 0064470 B1 19831123**; DE 3260013 D1 19831229; FR 2504944 A1 19821105; FR 2504944 B1 19841012;  
US 4439979 A 19840403

DOCDB simple family (application)

**EP 82420058 A 19820430**; DE 3260013 T 19820430; FR 8108833 A 19810430; US 37286382 A 19820428