

Title (en)

Double bar with a variable couple resistance.

Title (de)

Schleppflügel mit einem regulierbaren Drehwiderstand.

Title (fr)

Coronelle à couple résistant variable.

Publication

**EP 0088032 A2 19830907 (FR)**

Application

**EP 83420028 A 19830225**

Priority

FR 8203872 A 19820303

Abstract (en)

[origin: ES8401537A1] The present invention relates to a yarn winding spindle cap having a variable moment of resistance, the spindle cap having diametrically oppositely extending arm portions, each of the ends of which supports a vertically oriented bushing, and the opposite ends of a loop of single strand are fixed in the bushings and position the loop so that it rubs against the periphery of the bobbin with a view to braking the spindle cap as a function of the diameter of said bobbin.

Abstract (fr)

A chacune des extrémités (6d, 6e) de la coronelle (6) on assujettit un manchon (8, 9) orienté verticalement et dans lequel est encastré le bout d'une boucle (10) d'un crin qui vient frotter contre la périphérie de la bobine (2) en vue de freiner la coronelle en fonction du diamètre de ladite bobine.

IPC 1-7

**B65H 59/06**; **D01H 7/86**

IPC 8 full level

**D01H 7/86** (2006.01); **B65H 59/08** (2006.01); **D01H 13/10** (2006.01)

CPC (source: EP US)

**B65H 59/08** (2013.01 - EP US); **D01H 13/102** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Designated contracting state (EPC)

BE DE GB IT

DOCDB simple family (publication)

**EP 0088032 A2 19830907**; **EP 0088032 A3 19840118**; **EP 0088032 B1 19860528**; DE 3363668 D1 19860703; ES 520230 A0 19831201; ES 8401537 A1 19831201; FR 2522698 A1 19830909; FR 2522698 B1 19840525; JP S58203127 A 19831126; US 4487009 A 19841211

DOCDB simple family (application)

**EP 83420028 A 19830225**; DE 3363668 T 19830225; ES 520230 A 19830302; FR 8203872 A 19820303; JP 3391283 A 19830303; US 46967083 A 19830225