

Title (en)
Winder for spiral wire

Title (de)
Aufwickler für schraubenlinienförmig gewundene Anschlussleitung

Title (fr)
Enrouleur pour fil spiralé

Publication
EP 0963939 B2 20060621 (FR)

Application
EP 98401403 A 19980610

Priority
• EP 98401403 A 19980610
• FR 9705589 A 19970506

Abstract (en)
[origin: FR2763060A1] The storage drum for a spiral coiled wire comprises two support plates (1,2) lying parallel to each other at a fixed distance apart, and guide elements (3,4) mounted between the two plates. Each of the guide elements may be a roller which is free to rotate on a spindle which lies perpendicular to the support plates and which may be attached to these plates. The spiral coiled wire is passed around these two rollers, with one ends passing through a central hole in the first support plate (1), and the other end passing through a hole (6) in the corner of the second support plate. The extension of the spiral coiled wire when under tension may be between 0 and 50 % of the retracted length of the coil.

IPC 8 full level
B65H 75/36 (2006.01); **G08B 13/14** (2006.01)

CPC (source: EP)
B65H 75/36 (2013.01); **G08B 13/1463** (2013.01); **B65H 2701/391** (2013.01)

Citation (opposition)
Opponent :
• FR 2764786 A1 19981224 - SAAA SYSTEMES D AUTOMATISMES D [FR]
• FR 2409644 A1 19790615 - INT STANDARD ELECTRIC CORP [US]
• US 5124685 A 19920623 - RANKIN ALEXANDER [US]

Cited by
US7945990B2; US8590098B2

Designated contracting state (EPC)
DE DK FR GB

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FR 2763060 A1 19981113; FR 2763060 B1 19990806; EP 0963939 A1 19991215; EP 0963939 B1 20030326; EP 0963939 B2 20060621

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FR 9705589 A 19970506; EP 98401403 A 19980610