

Title (en)

Spool filled with elongated metal element.

Title (de)

Spule mit draht oder drahtseil.

Title (fr)

Bobine de fil ou câble métallique.

Publication

EP 0578301 A1 19940112 (EN)

Application

EP 93201828 A 19930624

Priority

- EP 93201828 A 19930624
- EP 92202092 A 19920709

Abstract (en)

A spool (10) is filled with an elongated metal element (12) which is wound onto the spool with a plurality of windings. The plurality of windings end with a final winding (22) and n windings (24) preceding the final winding ("n preceding windings"), n is hereby greater than or equal to one. The final winding (22) comprises a beginning part (26), a middle part (28) and a trailing end (20). The middle part (28) is under the n preceding windings (24) in order to secure the final winding to the rest of the elongated element. The beginning part (26) and the trailing end (20) are at the same side of the n preceding windings (24). <IMAGE>

IPC 1-7

B65H 65/00

IPC 8 full level

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CPC (source: EP)

B65H 65/005 (2013.01)

Citation (search report)

- [X] FR 2283848 A1 19760402 - HACOBA TEXTILMASCHINEN [DE]
- [X] EP 0200121 A2 19861105 - SIMA SRL [IT]
- [A] EP 0299554 A1 19890118 - BEKAERT SA NV [BE]

Cited by

US6631864B1; WO0066474A1

Designated contracting state (EPC)

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