

Title (en)

Method and device for spooling a yarn and wound body thus achieved

Title (de)

Verfahren und Vorrichtung zum Wickeln von Garn und so hergestelltes Garnbündel

Title (fr)

Procédé et dispositif pour l'enroulement d'un fil textile et paquet de fil textile ainsi obtenu

Publication

**EP 1764333 B1 20110309 (EN)**

Application

**EP 06120412 A 20060911**

Priority

IT UD20050142 A 20050914

Abstract (en)

[origin: EP1764333A2] Method for spooling yarns comprising at least a first unwinding step in which the yarn (17) is unwound from a support member (13, 15, 16), and a second spooling step, in which said yarn (17) is disposed in layers according to a desired order. In the second spooling step, the yarn (17) is disposed inside a containing means (46) in overlapping layers, in which each of said layers (117) consists of a plurality of contiguous spirals (116) of yarn (17) and distributed according to the geometry of said containing means (46). The spirals (116) are formed by deposition means (35, 36, 37) able to rotate around a second forming axis (X) of said spirals (116). The spirals (116) are deposited on collection means (39) able to rotate and/or move linearly around/with respect to a relative first forming axis (Y; Y, Y 1 , Y 2 , Y 3 ) of said layers (117), wherein said second forming axis (X) of said spirals (116) does not coincide with said forming axis (Y; Y, Y 1 , Y 2 , Y 3 ) of said layers (117).

IPC 8 full level

**B65H 54/80** (2006.01); **B65H 51/22** (2006.01); **B65H 54/84** (2006.01); **B65H 55/00** (2006.01)

CPC (source: EP)

**B65H 51/22** (2013.01); **B65H 54/80** (2013.01); **B65H 54/84** (2013.01); **B65H 55/00** (2013.01); **B65H 63/06** (2013.01); **B65H 2701/31** (2013.01)

Citation (examination)

GB 2048321 A 19801210 - REINERS VERWALTUNGS GMBH

Cited by

EP2484620A4; EP2484618A4; EP2484619A4; EP3028977A1; EP2774883A1; EP2216432A1; WO2009132467A3; WO2015180814A1

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