

Title (en)

Roller structure for fabric winding machine

Title (de)

Rollenstruktur für Maschine zum Aufwickeln von Textilerzeugnissen

Title (fr)

Structure de rouleau pour bobineuse de tissu

Publication

EP 2263960 B1 20120328 (EN)

Application

EP 09163273 A 20090619

Priority

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Abstract (en)

[origin: EP2263960A1] A roller mounted onto a fabric winding machine (10) to roll up fabric aims to solve the shortcomings of the conventional rollers that tend to cause fabric skewing during fabric rolling and are difficult to remove due to a lengthy structure. The roller (20) of the invention has an outer diameter gradually enlarged towards two ends, and includes a first half roller (21) and a second half roller (22) that have respectively a first positioning portion (211) and a second positioning portion (221) at one end corresponding and fastenable to each other. The greater diameters at two ends allow the fabric (30) to be rolled up on the roller (20) without skewing. The two pieces design of the roller (20) makes each piece shorter and removing from a bundle of rolled up fabric easier. The roller (20) thus formed can facilitate fabric rolling and removal thereof.

IPC 8 full level

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CPC (source: EP US)

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