

Title (en)  
Yarn-feeding assembly for textile machines

Title (de)  
Garnzufuhranordnung für Textilmaschinen

Title (fr)  
Ensemble d'alimentation en fils pour machines textiles

Publication  
**EP 2754742 B1 20151209 (EN)**

Application  
**EP 13005357 A 20131114**

Priority  
IT TO20130017 A 20130110

Abstract (en)  
[origin: EP2754742A1] A first yarn feeder (14) is provided with a drum (16) which has a plurality of yarn loops (Y) wound thereon and is driven to rotate by a respective motor (20). The motor (20) is electronically connected to a textile machine (12) for rotating at a speed proportional to the yarn-drawing speed of the textile machine and delivering the yarn wound on the drum (16) to the latter. A second feeder (22) is arranged to draw the yarn from a reel (18) and to deliver it to the first feeder (14), with a delivery action which is modulated by a control loop (24). The latter is programmed to stabilize the tension of the yarn unwinding from the second feeder on a predetermined value on the basis of a signal received from a tension sensor (26) operatively coupled to the yarn.

IPC 8 full level  
**D04B 15/48** (2006.01)

CPC (source: EP US)  
**B65H 59/00** (2013.01 - US); **D04B 15/48** (2013.01 - EP US)

Cited by  
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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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**EP 13005357 A 20131114**; CN 201310674379 A 20131211; IT TO20130017 A 20130110; US 201414152059 A 20140110