

Title (en)
METHOD FOR MAKING A YARN, AND APPARATUS FOR CARRYING OUT THE METHOD

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EP 0295601 B1 19920115 (DE)

Application
EP 88109358 A 19880613

Priority
DE 3720237 A 19870615

Abstract (en)
[origin: EP0295601A2] A method is described for making a yarn, wherein a synthetic partially oriented multifilament yarn is delivered at a first speed to a pin, guided around the pin for between 270 DEG and 360 DEG , preferably for about 360 DEG , and then taken off at a second speed. This second speed is higher than the first speed. Thereafter the multifilament yarn is wound up. The pin used is an unheated pin having a diameter of less than 10 mm. Immediately after the multifilament yarn has been laid around the pin, the multifilament yarn is heated to a temperature between 100 DEG C and 250 DEG C for from 0.01 s to 10 s. <??>There is also described an apparatus for carrying out the method. This apparatus comprises a first delivery system for hauling off the multifilament yarn, preferably off a package, a pin wrapped by the yarn, a second delivery system for hauling the yarn off the pin, and a winder. The pin is constructed as an unheated pin having a diameter of less than 10 mm. A heater is situated between the pin and the second delivery system. <IMAGE>

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IPC 8 full level
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CPC (source: EP US)
D02G 1/168 (2013.01 - EP US); **D02J 1/22** (2013.01 - EP US)

Cited by
DE4215176A1; US5593777A; US5344710A; EP0569889A1; DE4004721C2; DE4424547C2; EP0341420A3; EP0373519A3; US5054174A; EP0367938A3; EP0463635A1; DE3844615A1; EP0363798A3; US5359759A; SG83079A1; EP0530860A3; WO2004065670A3; WO9323593A1; WO2016096405A1; EP2625323B1

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