

Title (en)
Method and apparatus for crimping yarns

Title (de)
Verfahren und Vorrichtung zum Kräuseln von Fäden

Title (fr)
Procédé et dispositif de frisure de fils

Publication
EP 1323853 B1 20041201 (FR)

Application
EP 02360336 A 20021206

Priority
FR 0116757 A 20011221

Abstract (en)
[origin: EP1323853A1] A yarn is crimped by feeding the yarn in a channel of a compaction chamber to impart a uniform yarn crimping; and pre-setting the crimped yarn by passing the yarn into a pre-setting and guiding chamber defining a passage for the yarn. A pre-setting fluid is fed in the passage to pre-set the crimping of the yarn and to guide the yarn's progress through and out from the passage. Crimping of yarn involves feeding the yarn (4) in a channel of a compaction chamber to impart a uniform yarn crimping; and pre-setting the crimped yarn (6) by passing the yarn into a pre-setting and guiding chamber defining a passage for passing the crimped yarn. The passage has a cross section greater than that of the channel of the compaction chamber to define a free space between at least one side of the crimped yarn and an adjacent wall of the passage. A pre-setting fluid is fed into the passage of the chamber to pre-set the crimping of the yarn and to act on the side of the yarn to guide the yarn's progress through and out from the passage. An Independent claim is also included for a device for crimping yarn comprising a compaction chamber (1) defining a channel and driving rollers (2), and a pre-setting and guiding chamber (5) defining a passage connected to an outlet of the channel.

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D02G 1/12

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