

Title (en)
DEVICE FOR MANUFACTURING AN ELASTIC PLIED YARN

Publication
EP 0054652 B1 19850619 (DE)

Application
EP 81108395 A 19811016

Priority
DE 3047956 A 19801219

Abstract (en)
[origin: EP0054652A1] 1. Apparatus for performing a method of making an elastic twist, in which an elastomer thread of about 145 dtex to 310 dtex is adhesively twisted with two yarns having a thickness of 100 to 12 500 dtex consisting of polyvinyl chloride, polyvinyl cyanide, polyacrylonitrile and/or wool threads, the surface of the yarns being swollen at a pressure of between approximately 0.1 and 0.2 bar in hot steam at a temperature of about 70 degrees C for up to 10 minutes, in order to loosen them and obtain the adhesion, the elastomer thread being given a draft with respect to the yarns during the twisting operation, characterised in that the draft of the elastomer thread (10) is produced before twisting by sliding friction on at least one friction surface (20), the sliding friction force being controllably variable per unit of time by a control device (16).

IPC 1-7
D02G 3/32

IPC 8 full level
D02G 3/32 (2006.01)

CPC (source: EP)
D02G 3/32 (2013.01)

Citation (examination)
CH 013510 B

Cited by
CN107675317A; CN114232160A

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0054652 A1 19820630; EP 0054652 B1 19850619; AT E13914 T1 19850715; DE 3047956 A1 19820708; DE 3047956 C2 19831020; DE 3171050 D1 19850725

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