

Title (en)

Heating rail for a running synthetic yarn

Title (de)

Heizschiene zur Erwärmung eines laufenden synthetischen Fadens

Title (fr)

Rail chauffant pour un fil synthétique en mouvement

Publication

EP 0691429 B1 19990804 (DE)

Application

EP 95107629 A 19950518

Priority

- DE 4421841 A 19940622
- DE 4440516 A 19941112

Abstract (en)

[origin: EP0691429A2] A rail heats a synthetic yarn which runs in contact with it. Here, along the rail, are placed equally-spaced yarn guides through which the yarn is led in a zigzag run with constant amplitude, U, which follows and crosses a straight mid-line of the heat rail surface. Also claimed is a process for false twist texturing of a synthetic multi-filament yarn entailing feeding the yarn into the false twist zone and then by means of a feed device drawing it over and in contact with a lengthwise heating rail, over a similar cooling rail and out the false twist zone. Here the yarn, in zigzag fashion, is led in contact with at least a part of the heating rail length. <IMAGE>

IPC 1-7

D02J 13/00

IPC 8 full level

D02J 13/00 (2006.01)

CPC (source: EP US)

D02J 13/001 (2013.01 - EP); **D02J 13/003** (2013.01 - EP US)

Cited by

US6479799B2; WO2018001584A1; WO0073557A3

Designated contracting state (EPC)

CH DE ES FR GB IE IT LI

DOCDB simple family (publication)

EP 0691429 A2 19960110; EP 0691429 A3 19960228; EP 0691429 B1 19990804; CN 1113992 C 20030709; CN 1128815 A 19960814; DE 59506513 D1 19990909; TW 281695 B 19960721; US 5628175 A 19970513

DOCDB simple family (application)

EP 95107629 A 19950518; CN 95109145 A 19950621; DE 59506513 T 19950518; TW 84106038 A 19950613; US 49365595 A 19950622