

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 A3 19960228 (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)

Citation (search report)

- [AD] EP 0406673 A2 19910109 - BARMAG BARMER MASCHF [DE]
- [A] GB 1126624 A 19680911 - SCRAGG & SONS

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

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