

Title (en)

COMPRESSIVE CRIMPING DEVICE FOR A SYNTHETIC MULTI-THREADED YARN

Title (de)

VORRICHTUNG ZUM STAUCHKRÄUSELN EINES SYNTHETISCHEN MULTIFILEN FADENS

Title (fr)

DISPOSITIF DE FRISAGE PAR COMPRESSION D'UN FIL MULFILAMENT SYNTHETIQUE

Publication

EP 1397541 A1 20040317 (DE)

Application

EP 02738027 A 20020503

Priority

- DE 10122600 A 20010510
- EP 0204859 W 20020503

Abstract (en)

[origin: WO02090632A1] The invention relates to a compressive crimping device for a synthetic multi-threaded yarn. The thread is compressed by a texturing device to form a tangle of thread. Said tangle of thread is subsequently cooled by means of a cooling device and unraveled to form a crimped thread. The tangle of thread runs through a heating area in the transition area between the texturing device and the cooling device, said heating area being essentially defined by the distance between the tangle outlet of the texturing device and a tangle receiving element of the cooling device. According to the invention, a means of adjustment is provided in order to adjust the distance between the tangle outlet and the element receiving said tangle.

IPC 1-7

D02G 1/12

IPC 8 full level

D02G 1/12 (2006.01)

CPC (source: EP US)

D02G 1/12 (2013.01 - EP US); **D02G 1/122** (2013.01 - EP US)

Citation (search report)

See references of WO 02090632A1

Cited by

US8378667B2

Designated contracting state (EPC)

CH DE IT LI TR

DOCDB simple family (publication)

WO 02090632 A1 20021114; CN 1498292 A 20040519; DE 50206481 D1 20060524; EP 1397541 A1 20040317; EP 1397541 B1 20060419; EP 1397541 B2 20120215; JP 2004525279 A 20040819; JP 4129185 B2 20080806; US 2004200048 A1 20041014; US 7150083 B2 20061219

DOCDB simple family (application)

EP 0204859 W 20020503; CN 02807023 A 20020503; DE 50206481 T 20020503; EP 02738027 A 20020503; JP 2002587684 A 20020503; US 47725604 A 20040604