

Title (en)
Method of false twist texturing a synthetic yarn to produce a crimped yarn

Title (de)
Verfahren zum Falschdralltexturieren eines synthetischen Fadens zu einem Kräuselgarn

Title (fr)
Procédé de texturation par fausse torsion pour la production d'un fil frisé

Publication
EP 1101848 B1 20041020 (DE)

Application
EP 00107124 A 20000407

Priority
DE 19956008 A 19991120

Abstract (en)
[origin: EP1101848A1] Synthetic filament yarn is heated to temperature between 230 and 270 degrees C, cooled and false twisted above the twist saturation level, i.e. with the ratio D/Y greater than 2.2, where D is the surface speed of the friction disks and Y the yarn speed. The yarn leaves the false twister (7) at a speed that is less than 1.4 times the feed speed and is also less than 1000 m/min. Independent claims are also included for a textured yarn with unevenly twisted loops to give sections of variable diameter along its length and for a false twist texturing machine that includes an air intermingling device before the feed roller (2).

IPC 1-7
D02G 1/02

IPC 8 full level
D02G 1/02 (2006.01)

CPC (source: EP KR US)
D02G 1/02 (2013.01 - KR); **D02G 1/024** (2013.01 - EP US); **D02G 1/0266** (2013.01 - EP US)

Cited by
WO2017080899A1

Designated contracting state (EPC)
CH DE ES FR GB IT LI

DOCDB simple family (publication)
EP 1101848 A1 20010523; EP 1101848 B1 20041020; BR 0002126 A 20010911; CN 1150357 C 20040519; CN 1297069 A 20010530; DE 19956008 A1 20010523; DE 50008316 D1 20041125; ES 2231064 T3 20050516; KR 100669847 B1 20070116; KR 20010049312 A 20010615; TR 200001156 A2 20010621; TR 200001156 A3 20010621; TW 480297 B 20020321; US 6408607 B1 20020625

DOCDB simple family (application)
EP 00107124 A 20000407; BR 0002126 A 20000426; CN 00118385 A 20000614; DE 19956008 A 19991120; DE 50008316 T 20000407; ES 00107124 T 20000407; KR 20000023264 A 20000501; TR 200001156 A 20000427; TW 89114093 A 20000714; US 59807200 A 20000620