

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  
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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

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