

Title (en)

High tensile sewing yarn and method for manufacturing such a sewing yarn

Title (de)

Hochfestes Nähgarn sowie Verfahren zur Herstellung eines derartigen Nähgarnes

Title (fr)

Fil à coudre à haute tenacité et procédé pour la production d'un tel fil à coudre

Publication

EP 0569890 B1 19961030 (DE)

Application

EP 93107496 A 19930508

Priority

DE 4215016 A 19920512

Abstract (en)

[origin: EP0569890A1] There is described a high tensile sewing yarn composed of at least two, twisted-together multifilament yarn components. The multifilament yarn components forming the thread are textile standard multifilament yarns. The sewing thread has a tenacity (specific strength) which varies between 40 cN/tex and 85 cN/tex, preferably between 55 cN/tex and 75 cN/tex. The process for manufacturing the above-described sewing thread envisages drawing the partially oriented multifilament yarns forming the thread in such a way that each partially oriented (pre-oriented) multifilament yarn is delivered into a main drawing zone coiled around a feed gadget revolving at a first speed and leaves the main drawing zone coiled around a take-off godet revolving at a second speed the second speed being 70 % to 180 %, preferably 140 % to 180 %, greater than the first speed. The drawing in the main drawing zone takes place exclusively between the feed godet and the take-off godet, the take-off godet being heated to a temperature between 160 DEG C and 240 DEG C.

IPC 1-7

D02G 3/46; **D02G 3/04**

IPC 8 full level

D02G 3/04 (2006.01); **D02G 3/46** (2006.01)

CPC (source: EP)

D02G 3/46 (2013.01); **D10B 2331/04** (2013.01)

Cited by

CN104762713A; EP1036866A3; CN105040206A; EP2625323B1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL PT

DOCDB simple family (publication)

EP 0569890 A1 19931118; **EP 0569890 B1 19961030**; AT E144800 T1 19961115; DE 4215016 A1 19931118; DE 59304336 D1 19961205; ES 2094410 T3 19970116; HK 55397 A 19970509

DOCDB simple family (application)

EP 93107496 A 19930508; AT 93107496 T 19930508; DE 4215016 A 19920512; DE 59304336 T 19930508; ES 93107496 T 19930508; HK 55397 A 19970501