

Title (en)
Yarn and method for manufacturing a yarn

Title (de)
Garn sowie Verfahren zur Herstellung eines Garnes

Title (fr)
Fil et procédé pour la production d'un fil

Publication
EP 0569891 B1 19961030 (DE)

Application
EP 93107497 A 19930508

Priority
DE 4215212 A 19920512

Abstract (en)
[origin: EP0569891A1] There is described a yarn, in particular a sewing yarn, containing at least one multifilament yarn component which forms a core. This multifilament yarn component has been overwrapped with at least a second yarn component to form a core yarn. The at least one multifilament yarn component forming the core of the core yarn is a customary textile standard multifilament yarn. The tenacity of the spun core yarn varies between 32 cN/tex and 55 cN/tex, preferably between 37 cN/tex and 48 cN/tex. There is also described a process for manufacturing the core yarn. It involves overspinning at least one multifilament yarn component serving as the core with a second yarn component. The at least one multifilament yarn component forming the core is a partially oriented (pre-oriented) multifilament yarn (POY) which in its molecular structure corresponds to a textile standard multifilament yarn. The multifilament yarn forming the core is drawn in such a way that its tenacity varies between 60 cN/tex and 90 cN/tex, in particular between 71 cN/tex and 90 cN/tex.

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 2201/02** (2013.01); **D10B 2331/02** (2013.01); **D10B 2331/04** (2013.01)

Cited by
EP1036866A3; US6668868B2; US8720174B2; EP2463418A1; JP2012117194A; CN102534915A; WO0218702A3

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL PT

DOCDB simple family (publication)
EP 0569891 A1 19931118; **EP 0569891 B1 19961030**; AT E144801 T1 19961115; DE 4215212 A1 19931118; DE 59304337 D1 19961205; ES 2093875 T3 19970101; HK 61397 A 19970516

DOCDB simple family (application)
EP 93107497 A 19930508; AT 93107497 T 19930508; DE 4215212 A 19920512; DE 59304337 T 19930508; ES 93107497 T 19930508; HK 61397 A 19970508