

Title (en)  
COMPOSITE YARN, FABRIC COMPRISING THE COMPOSITE YARN, METHOD FOR PRODUCING A COMPOSITE YARN AND ARRANGEMENT FOR PRODUCING A COMPOSITE YARN

Title (de)  
VERBUNDGARN, GEWEBE MIT DEM VERBUNDGARN, VERFAHREN ZUR HERSTELLUNG EINES VERBUNDGARNS UND ANORDNUNG ZUR HERSTELLUNG EINES VERBUNDGARNS

Title (fr)  
FIL COMPOSITE, TISSU COMPRENANT LE FIL COMPOSITE, PROCÉDÉ DE FABRICATION D'UN FIL COMPOSITE ET AGENCEMENT DE PRODUCTION D'UN FIL COMPOSITE

Publication  
**EP 3725923 A1 20201021 (EN)**

Application  
**EP 19000188 A 20190416**

Priority  
EP 19000188 A 20190416

Abstract (en)  
The invention relates to a composite yarn (1) in particular for weaving, comprising at least one fibrous core (3) made of a core material comprising recycled fibers, in particular recycled cellulosic fibers and/or recycled synthetic fibers, and a sheath (5) surrounding the fibrous core, the sheath being made of a sheath material, in particular a sheath material comprising cellulosic fibers and/or synthetic fibers, having a greater axial strength than the core material.

IPC 8 full level  
**D02G 3/36** (2006.01)

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Citation (applicant)  
EP 3061856 A1 20160831 - CALIK DENIM TEKSTIL SAN VE TIC A S [TR]

Citation (search report)  
• [X] WO 2005007944 A2 20050127 - COOMBS TIMOTHY S [US]  
• [X] JP 2002173843 A 20020621 - UNITIKA TEXTILES LTD  
• [X] US 2009220784 A1 20090903 - BLITSTEIN JOSEPH FREDERIC [US], et al  
• [X] GB 2477531 A 20110810 - UNIV LEEDS [GB]  
• [A] US 2009173055 A1 20090709 - SILVER SCOTT [US]

Cited by  
US2021262124A1; US11982022B2; US11359309B2; US11767618B2

Designated contracting state (EPC)  
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DOCDB simple family (application)  
**EP 19000188 A 20190416**; BR 112021020759 A 20200416; CN 202080043781 A 20200416; EP 2020000086 W 20200416; EP 20722463 A 20200416; JP 2021561858 A 20200416; US 202017604141 A 20200416