

Title (en)  
Knittable yarn and safety apparel

Title (de)  
Strickfähiges Garn und Schutzkleidung

Title (fr)  
Fil tricotable et vêtement de protection

Publication  
**EP 0595320 B1 19970820 (EN)**

Application  
**EP 93117497 A 19931028**

Priority  
US 96820992 A 19921029

Abstract (en)  
[origin: EP0595320A1] A cut-resistant, machine knittable, composite yarn that utilizes a yarn or fiber strand or component of normal strength (no greater than 10 grams per denier tenacity) liquid crystal polymer, to provide a composite yarn of comparable high cut-resistance to composite yarns of similar construction that utilize high strength synthetic yarn or fiber. Also protective articles of apparel knitted from such yarn, specifically a cut-resistant protective glove.

IPC 1-7  
**D02G 3/12**; **D02G 3/44**; **D02G 3/36**; **A41D 13/10**; **A41D 31/00**

IPC 8 full level  
**A41D 19/00** (2006.01); **A41D 19/015** (2006.01); **A41D 31/00** (2006.01); **D02G 3/12** (2006.01); **D02G 3/18** (2006.01); **D02G 3/38** (2006.01); **D02G 3/44** (2006.01); **D04B 1/14** (2006.01)

CPC (source: EP)  
**A41D 19/01511** (2013.01); **A41D 31/24** (2019.01); **D02G 3/12** (2013.01); **D02G 3/187** (2013.01); **D02G 3/442** (2013.01)

Cited by  
US6279305B1; FR2818503A1; US5721179A; EP0911435A3; EP0816060A3; USRE45778E

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**EP 0595320 A1 19940504**; **EP 0595320 B1 19970820**; CA 2108716 A1 19940430; CA 2108716 C 20050111; DE 69313238 D1 19970925; DE 69313238 T2 19980305; ES 2105042 T3 19971016; JP H06192928 A 19940712; MX 9306729 A 19940429

DOCDB simple family (application)  
**EP 93117497 A 19931028**; CA 2108716 A 19931019; DE 69313238 T 19931028; ES 93117497 T 19931028; JP 27021293 A 19931028; MX 9306729 A 19931028