

Title (en)  
Knittable yarn and safety apparel.

Title (de)  
Strickfähiges Garn und Schutzkleidung.

Title (fr)  
Fil tricotable et vêtement de protection.

Publication  
**EP 0458343 A1 19911127 (EN)**

Application  
**EP 91108381 A 19910523**

Priority  
US 52924190 A 19900525

Abstract (en)  
Yarn and a knitted safety glove or other article made of the yarn (13), which has a core (10) of at least one strand (20) of high strength liquid crystal polymer fiber such as Vectran HS fiber surrounded by one (12) or two (12,14) wrappings of high strength synthetic fiber, preferably high strength liquid crystal polymer fiber such as Vectran HS fiber or high strength aramid fiber, or high strength stretched polyethylene fiber, or a combination of high strength fibers. One embodiment of the yarn includes a wire strand in the core. In one embodiment the fiber core strand (30) is of 200 to 1500 denier and has one to fifty filaments of 4 to 500 denier. In another embodiment, a second high strength synthetic core strand is included. <IMAGE>

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

IPC 8 full level  
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**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)

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