

Title (en)  
Yarn

Title (de)  
Garn

Title (fr)  
Fil

Publication  
**EP 0962562 A1 19991208 (EN)**

Application  
**EP 98110328 A 19980605**

Priority  
EP 98110328 A 19980605

Abstract (en)  
A yarn (295) for use in protective clothing is taught. The yarn (295) is a cover-core yarn and has a core (300) made from a core fibre having a high longitudinal tensile strength with a sheath (310) made from sheath material having high abrasion resistance and containing particle receptors. The particle receptors are used to accept dyes for colouring the yarn or waterproofing chemicals for making the textiles made from said yarns more waterproof. The core fibre (300) may be selected from the group of fibres comprising aramid fibres, polyamide fibres, polyethylene, graphite, glass, steel or polytetrafluoroethylene fibres and is preferably a paraaramid fibre. The sheath material (310) is selected from the group of materials comprising polyamides, polyester or cotton and is preferably polyamide 6.6. <IMAGE>

IPC 1-7  
**D02G 3/36**; **D02G 3/44**

IPC 8 full level  
**A41D 13/00** (2006.01); **A41D 31/02** (2006.01); **D02G 3/04** (2006.01); **D02G 3/36** (2006.01); **D02G 3/44** (2006.01); **D06N 7/04** (2006.01)

CPC (source: EP)  
**A41D 31/245** (2019.01); **D02G 3/36** (2013.01); **D02G 3/442** (2013.01)

Citation (search report)  
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• [YA] US 4331729 A 19820525 - WEBER JOHN W  
• [A] FR 2599762 A1 19871211 - GOSSE FILATURE [FR]  
• [YA] PATENT ABSTRACTS OF JAPAN vol. 98, no. 10 31 August 1998 (1998-08-31)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 97, no. 7 31 July 1997 (1997-07-31)

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