

Title (en)  
SEAM SEAL

Title (de)  
NAHTDICHTUNG

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JOINT D'ETANCHEITE

Publication  
**EP 1220624 A1 20020710 (EN)**

Application  
**EP 00967289 A 20001004**

Priority  
• US 0027286 W 20001004  
• US 41487999 A 19991008

Abstract (en)  
[origin: WO0126495A1] A fabric that is for protection against ingress of water, chemicals, or blood borne pathogens, including a seam joint (14), in which the seam is sealed by a sealing backer (20), and a silicone layer (16) between the sealing backer (20) and the joint (14). The fabric may be used in a variety of protective barrier garment applications including rainwear, fire fighting garments, and medical operating gowns. The process for preparing the seam is to apply liquid uncross-linked silicone to the sealing backer (20), followed by consolidating the sealant covered backer over the seam and curing the polymer in an extended heated nip.

IPC 1-7  
**A41D 27/24**; **B29C 65/50**

IPC 8 full level  
**A41D 27/24** (2006.01); **B29C 65/00** (2006.01); **B29C 65/50** (2006.01); **B29C 35/02** (2006.01); **B29C 65/18** (2006.01)

CPC (source: EP)  
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C-Set (source: EP)  
1. **B29C 66/71** + **B29K 2077/00**  
2. **B29C 66/71** + **B29K 2075/00**  
3. **B29C 66/71** + **B29K 2067/00**  
4. **B29C 66/71** + **B29K 2033/08**  
5. **B29C 66/71** + **B29K 2027/18**  
6. **B29C 66/71** + **B29K 2027/12**  
7. **B29C 66/71** + **B29K 2023/00**

Citation (search report)  
See references of WO 0126495A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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