

Title (en)
PROTECTIVE GARMENT MATERIAL AND CONSTRUCTION.

Title (de)
MATERIAL UND AUFBAU VON SCHUTZKLEIDUNG.

Title (fr)
MATERIAU ET CONSTRUCTION DE VETEMENTS DE PROTECTION.

Publication
EP 0287643 A4 19900514 (EN)

Application
EP 87907272 A 19871020

Priority
US 92036186 A 19861020

Abstract (en)
[origin: WO8802604A1] A protective garment (10) made of material (11) which includes a high barrier, multi-layer film (20) incorporating EVOH (43) laminated to a spun bonded polyester substrate (21). The film (20) is a five layer construction with a layer of EVOH (43) in the middle, bracketed by water resistant bonding resin layers (42), (44) and outer layers of polyethylene or polyester (41), (45). The substrate is formed with low temperature binders (EVA), (PVA) and is calendered on both sides, the outer side being calendered much more extensively than the inner side. The material (11) is joined together at pattern edges (31, 32), (131, 132) by thermal bonding (12) under pressure or by a strip (135) of the film (120) thermal bonded to material segments (111).

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A41D 13/02

IPC 8 full level
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Citation (search report)

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- Research Disclosure, August 1986, No. 26805, "Soft, nonwoven fabric", whole Abstract.
- See references of WO 8802604A1

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