

Title (en)

Flame retardant lining material having improved adhesion

Title (de)

Flammhemmende Trägereinlage mit verbesserter Haftung

Title (fr)

Matériau de garnissage retardateur de flamme ayant une adhérence améliorée

Publication

**EP 0964095 A3 20011010 (DE)**

Application

**EP 99110629 A 19990602**

Priority

DE 19825497 A 19980608

Abstract (en)

[origin: US6197707B1] An improved bituminized flame-retardant textile material is provided that effectively overcomes bitumin adhesion difficulties associated with products of the prior art wherein the flame-retardant present on the surface of a textile support interferes with and hinders the achievement of bitumin adhesion. An anti-flame agent is applied in a quantity of 20 to 100 grams per square meter over 30 to 90 percent of the upper surface of the textile support. The remaining portions of the upper-surface of the textile support are free of the anti-flame agent. It surprisingly has been found that the surface portions of the textile support that are free of the anti-flame agent provide areas for the achievement of optimum bitumin adhesion with the textile support while still making possible entirely satisfactory flame retardancy for the overall product.

IPC 1-7

**D06N 3/00**; **D06N 5/00**; **E04D 5/10**

IPC 8 full level

**F16L 57/00** (2006.01); **C09K 21/00** (2006.01); **D06M 11/00** (2006.01); **D06M 11/74** (2006.01); **D06M 13/11** (2006.01); **D06M 13/152** (2006.01); **D06M 15/41** (2006.01); **D06N 3/00** (2006.01); **D06N 5/00** (2006.01); **E04D 5/10** (2006.01); **F16L 59/10** (2006.01); **D06M 101/32** (2006.01)

CPC (source: EP US)

**D06N 3/0056** (2013.01 - EP US); **D06N 5/00** (2013.01 - EP US); **E04D 5/10** (2013.01 - EP US); **Y10S 428/92** (2013.01 - EP US); **Y10S 428/921** (2013.01 - EP US); **Y10T 442/2631** (2015.04 - EP US); **Y10T 442/2648** (2015.04 - EP US)

Citation (search report)

- [Y] EP 0634515 A1 19950118 - BOERNER GEORG CHEM WERK [DE]
- [Y] EP 0745718 A2 19961204 - HOECHST TREVIRA GMBH & CO KG [DE]
- [A] US 4617221 A 19861014 - VON DER CHYS LIEUWE [AT]

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DOCDB simple family (publication)

**US 6197707 B1 20010306**; AT E287983 T1 20050215; DE 19825497 C1 19990624; DE 59911512 D1 20050303; DK 0964095 T3 20050228; EP 0964095 A2 19991215; EP 0964095 A3 20011010; EP 0964095 B1 20050126; JP 2000119969 A 20000425; NO 315714 B1 20031013; NO 992643 D0 19990601; NO 992643 L 19991209

DOCDB simple family (application)

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