

Title (en)

Lining material, process for its manufacture and its use

Title (de)

Trägereinlage, Verfahren zu deren Herstellung und deren Verwendung

Title (fr)

Matériau de garnissage, procédé pour sa fabrication et son utilisation

Publication

EP 0806509 B2 20110831 (DE)

Application

EP 97106878 A 19970425

Priority

DE 19618775 A 19960510

Abstract (en)

[origin: EP0806509A1] The load-bearing interlayer (I), containing (A) a textile sheet and (B) a reinforcement which absorbs energy so that the standard load (SL) in the stress-strain curve (at 20 degrees C) for the combination (A/B) differs from that of the interlayer without (B) by at least 10%, and the ratio of SL at 20 degrees C divided by SL at 180 degrees C is not more than 3, in each case at at least one point in the range between 0 and 1% elongation. Also claimed is (i) the production of (I), (ii) composites containing (I) and (iii) roofing and sealing strips containing (I).

IPC 8 full level

D04H 3/011 (2012.01); **D04H 13/00** (2006.01); **D04H 1/435** (2012.01); **D04H 1/4374** (2012.01); **D04H 1/48** (2012.01); **D04H 1/485** (2012.01); **D04H 1/488** (2012.01); **D04H 3/10** (2012.01); **D04H 3/105** (2012.01); **D04H 3/12** (2006.01); **D04H 3/14** (2012.01); **E04D 5/02** (2006.01)

CPC (source: EP US)

D04H 1/435 (2013.01 - EP US); **D04H 1/4374** (2013.01 - EP US); **D04H 1/48** (2013.01 - EP US); **D04H 1/485** (2013.01 - EP US); **D04H 1/488** (2013.01 - EP US); **D04H 3/011** (2013.01 - EP US); **D04H 3/105** (2013.01 - EP US); **D04H 3/12** (2013.01 - EP US); **D04H 13/00** (2013.01 - EP US); **Y10S 428/902** (2013.01 - EP US); **Y10T 428/24994** (2015.04 - EP US); **Y10T 442/643** (2015.04 - EP US); **Y10T 442/644** (2015.04 - EP US); **Y10T 442/645** (2015.04 - EP US); **Y10T 442/655** (2015.04 - EP US); **Y10T 442/681** (2015.04 - EP US); **Y10T 442/682** (2015.04 - EP US); **Y10T 442/696** (2015.04 - EP US)

Citation (opposition)

Opponent :

- US 5118550 A 19920602 - BARAVIAN JEAN [FR], et al
- EP 0242524 A2 19871028 - HOECHST AG [DE]

Cited by

EP2679713A1; DE19950057A1; DE19950057B4; DE19935408A1; DE19935408B4; DE102006060241A1; EP1939342A3; WO2012065903A1; WO2015000975A1; DE102009005587A1; DE202006021073U1; EP2455523A1; US6412154B1; US7351673B1; US6630046B1; US7199065B1; EP1939342A2; US11623425B2; EP2154281A2; DE202008010258U1; EP2360304A1; DE102010007939A1; EP3137294B1

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 97106878 A 19970425; CA 2204967 A 19970509; CN 97111113 A 19970507; DE 19618775 A 19960510; DE 59710363 T 19970425; JP 12076897 A 19970512; KR 19970017582 A 19970508; US 85306197 A 19970508