

Title (en)

Striplike web material for ridge or edge covering, and process and device for its production

Title (de)

Streifenförmige Materialbahn für eine First- oder Gratabdeckung sowie Verfahren und Vorrichtung zur Herstellung derselben

Title (fr)

Bande de matériau en forme de ruban, pour faite ou arête de couverture, ainsi que procédé et dispositif pour sa production

Publication

EP 0942109 A3 20000223 (DE)

Application

EP 99104800 A 19990311

Priority

DE 19810434 A 19980311

Abstract (en)

[origin: EP0942109A2] The strip (10) is a resilient multilayer composite. A flexible, resilient substrate sheet (100) is attached by thermal- or ultrasonic welding at points or lines, to nonwoven sheets (101, 102) forming cavities (104). Plastic edge strips are deformed to a wavy profile and bonded to the surface over their entire area. Independent claims are included for the method of making the strip and the plant used for the purpose. Preferred features: The substrate (10) is tri-layered, with wavy lining as described. Peaks and troughs of nonwoven material extend perpendicularly with respect to the strip, and are locally-connected at the troughs.

IPC 1-7

E04D 1/36; **E04D 13/17**

IPC 8 full level

D04H 13/00 (2006.01); **E04D 1/36** (2006.01); **E04D 13/17** (2006.01)

CPC (source: EP)

D04H 1/4374 (2013.01); **D04H 1/54** (2013.01); **D04H 1/555** (2013.01); **D04H 13/00** (2013.01); **E04D 1/36** (2013.01); **E04D 13/176** (2013.01)

Citation (search report)

- [A] DE 4334340 A1 19950316 - KLOEBER JOHANNES [DE]
- [DA] EP 0341343 A2 19891115 - BRAAS & CO GMBH [DE]
- [A] DE 29604388 U1 19960509 - FLECK OSKAR [DE]
- [A] DE 29700987 U1 19970403 - WIRZ PETER [DE]
- [DA] DE 19604956 A1 19970814 - COROVIN GMBH [DE]
- [DA] DE 4243012 A1 19940623 - COROVIN GMBH [DE]
- [DA] DE 4238541 A1 19940519 - AMOCO FABRICS ZWEIGNIEDERLASSU [DE]

Cited by

EP1138471A1; DE10042448A1; CN103276856A; EP1201845A3; US6506474B2; EP1201845A2; EP0980725B1; DE102017122097A1; WO2019057997A1; US11655630B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0942109 A2 19990915; **EP 0942109 A3 20000223**; **EP 0942109 B1 20030910**; AT E249559 T1 20030915; DE 19810434 C1 19990602; DE 29903327 U1 19990722; DE 59906913 D1 20031016

DOCDB simple family (application)

EP 99104800 A 19990311; AT 99104800 T 19990311; DE 19810434 A 19980311; DE 29903327 U 19990224; DE 59906913 T 19990311