

Centexbel PatentAlert 5-2011  
**Floor Covering**

**EMBOSSED CARPET BACKING**

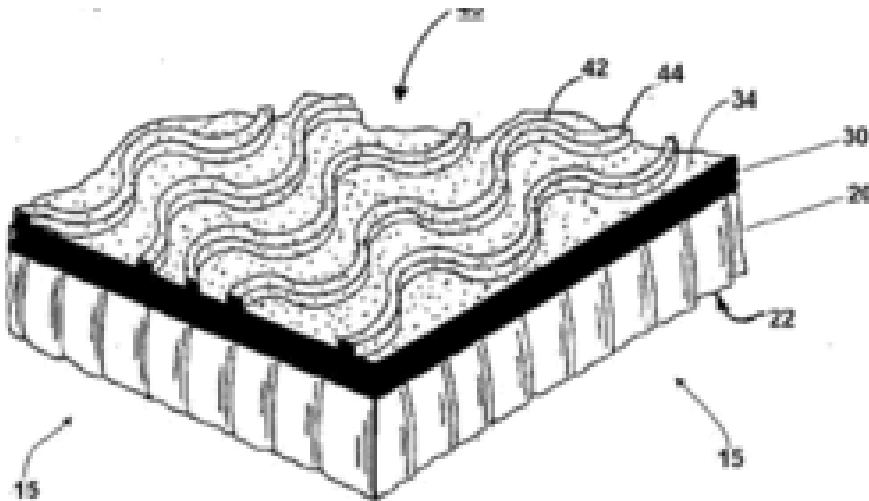
US20110014431

Publication date: 2011-01-20

Applicant(s): SHAW

Summary:

Disclosed is a floor covering having an embossed polyurethane foam backing layer and methods of making and using same. A bottom surface of the backing layer can be thermo-embossed with a predetermined pattern, and the bottom surface of the backing layer can define at least one fluid pathway in communication with a side edge of the floor covering. The floor covering can also have a layer of skid-resistant material connected to the bottom surface of the backing layer.



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**SWITCHABLE ADHESIVE AND OBJECTS UTILIZING THE SAME**

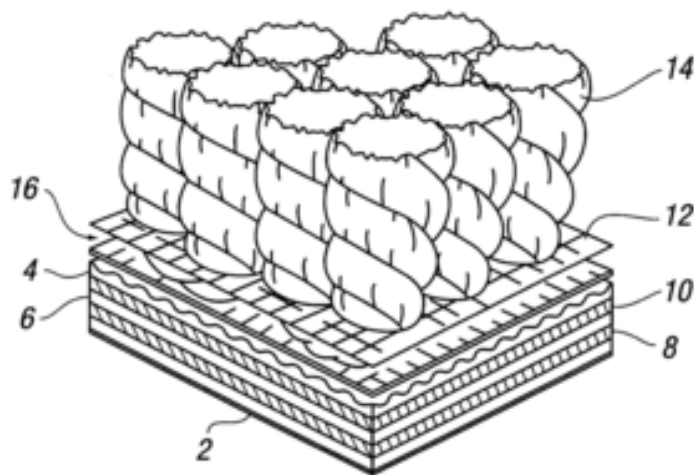
US20110039056

Publication date: 2011-02-24

Applicant(s): INTERFACE

Summary:

A carpet material with at least one of its components made easier for recycle by use of an adhesive which can be selectively altered to change the adhesion strength to allow component carpet layers to be separated.



**Centexbel PatentAlert 5-2011**  
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**ANTI-MICROBIAL CARPET UNDERLAY AND METHOD OF MAKING**

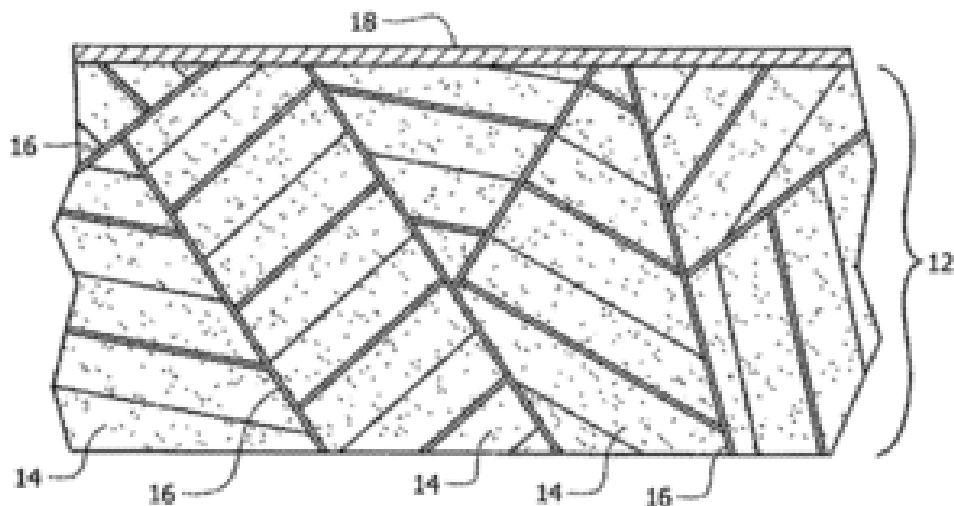
US7875343

Publication date: 2011-01-25

Applicant(s): L&P Property Management

**Summary:**

A method for making antimicrobial rebonded carpet pad includes mixing zinc pyrithione with a polyol to form an antimicrobial polyol mixture concentrate, blending the antimicrobial polyol mixture concentrate with a binder stream, mixing the binder with foam particles and curing the binder. The percentage of zinc pyrithione mixed with the polyol and the addition ratio of the antimicrobial polyol mixture concentrate with the binder stream are selected to provide an overall concentration of zinc pyrithione in the binder of at least about 7500 ppm. The particles and binder are cured into a block and sliced to form carpet pad.



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**FLOOR COVERING SYSTEM COMPRISING A LIGHTING SYSTEM**

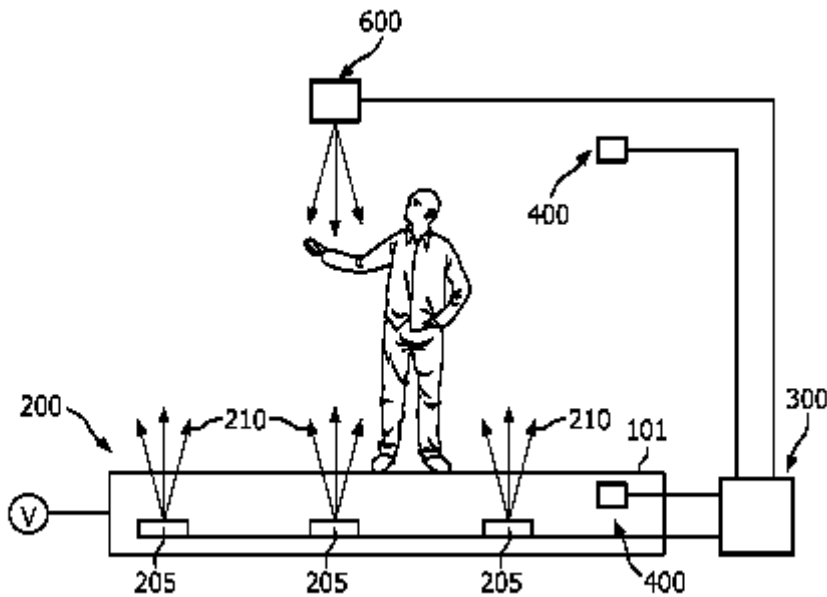
WO2011036614

Publication date: 2011-03-31

Applicant(s): Philips

**Summary:**

The invention provides a floor covering system (10) with (a) a PVC-based floor covering (100) and (b) a lighting system (200) arranged to generate light (210). The PVC-based floor covering (100) has a user side (101) and an opposite back side (102). The lighting system (200) is arranged at the back side (102) of the PVC-based floor covering (100). The PVC-based floor covering (100) has a light transmission for light (210) generated by the lighting system (200) in the range of 0.5% to 30%, especially in the range of 1% to 20%.



Centexbel PatentAlert 5-2011  
Floor Covering

**LENTICULAR PLASTIC FLOOR PRODUCT AND METHOD FOR MANUFACTURING IT**

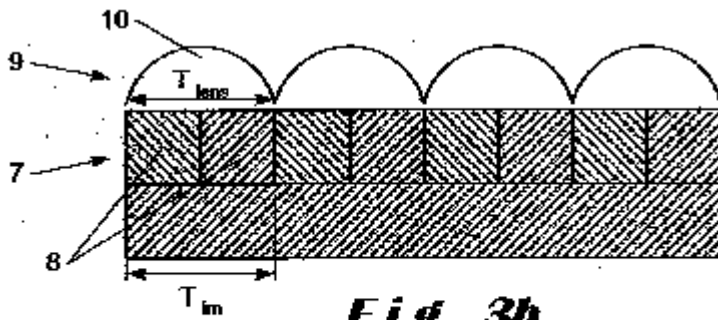
WO2011029637

Publication date: 2011-03-17

Applicant(s): IVC

Summary:

A method for manufacturing a lenticular plastic floor product in a continuous way comprises the steps of providing a flexible substrate (1,2,6), applying a printing layer (7) on top of said substrate (1,2,6), printing a plurality of lenticular interlaced images (8) on top of said printing layer (7), applying a transparent coating (9) on top of said plurality of lenticular interlaced images (8), gelling the already applied layers and mechanically embossing at least part of the transparent coating to form a plurality of lenticular lenses (10) for at least a part of said plurality of lenticular images.



**Fig. 3b**

**Centexbel PatentAlert 5-2011**  
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**FLOOR COVERING WITH STRUCTURE REDUCING TRANSMISSION OF IMPACT NOISE**

DE102009014657

Publication date: 2010-10-07

Applicant(s): Anker Teppichboden

**Summary:**

The floor covering (1) upper surface consists of textile-, carpet-, plastic- or cork material. The novel feature is the underside or backing, which includes a spacer fabric (5). This is a woven-, knitted-, or fleece fabric. It is optionally bonded to other layers of such materials. The spacer fabric is manufactured from polyester plastic fibers and its thickness is 2-10 mm. An additional layer of anti-slip material is added to the underside or back of the spacer fabric. This is a silicone plastic or adherent plastic-dot material, made of PVC-EVA. Carpeting (2) is provided on the top surface. The spacer fabric is laminated onto the underside of the carpeting using an adhesive (4). This is a thermoplastic selected from polyamide, polyethylene, polyester or ethylene vinyl acetate. To manufacture the floor covering, a carpet material (2) is produced to form the upper surface. Its rear surface is given a latex pre-coating (3) to bind the filaments and pile yarn or nap. This surface is then laminated with adhesive to the spacer fabric (5). Finally, anti-slip material is coated underneath. An independent claim IS INCLUDED FOR the method of manufacture.



Centexbel PatentAlert 5-2011  
Floor Covering

**FLOOR COVERING MADE OF A COMPOSITE BOARD**

WO2010083815

Publication date: 2010-07-29

Applicant(s): Guido Schulte

Summary:

The invention relates to a floor covering made of a plurality of A and B boards (A, B) laid in combination, having A and B locking battens (3, 10) on the head and/or longitudinal sides thereof, wherein locking means are formed on the A and B locking battens (3, 10) for engaging one another in an assembled state in adjacent A and B boards (A, B) in a covering. Protrusions (4, 12) are disposed at the head and/or longitudinal sides that can be brought at least partially to overlap by a relative motion in the boards (A, B), wherein the locking of the protrusions is done by means of a bayonet joint.

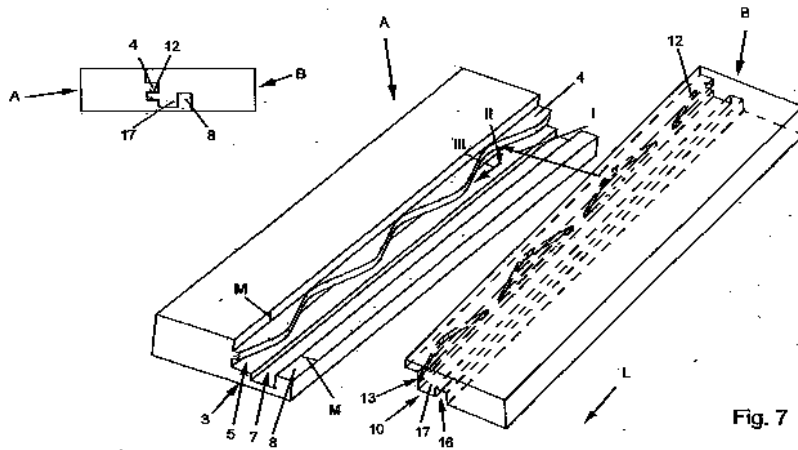


Fig. 7

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**CARPET TILES WITH LOCKING ELEMENTS**

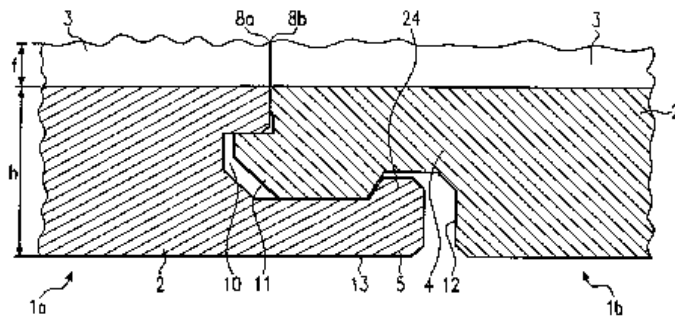
US7655290

Publication date: 2010-02-02

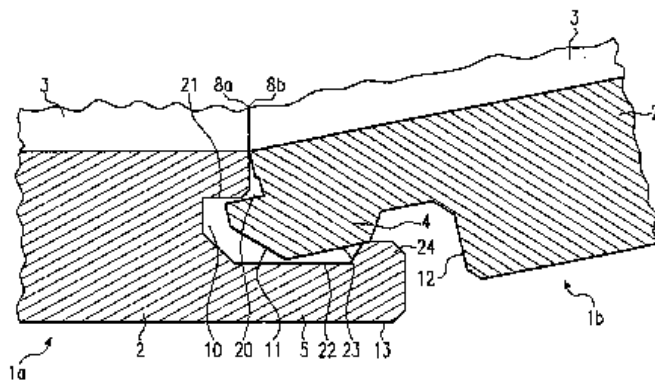
Applicant(s): BERRY FINANCE

**Summary:**

To provide carpet tiles that can be installed more easily and quickly the inventive carpet tiles (1) comprise: a support plate (2); a carpet material (3) on said support plate 2; a first mechanical locking element (4) extending along a first joint edge (8a) of said carpet tile (1); and a second complementary mechanical locking element (5) extending along a second joint edge (8b) of said carpet tile (1).



**Fig.1a**



**Fig.1b**