

Title (en)

COMPOSITE MATERIAL ROOFING STRUCTURE

Title (de)

VERBUNDWERKSTOFF-BEDACHUNGSSTRUKTUR

Title (fr)

STRUCTURE DE TOITURE EN MATÉRIAU COMPOSITE

Publication

**EP 2291442 A1 20110309 (EN)**

Application

**EP 09763503 A 20090610**

Priority

- US 2009046853 W 20090610
- US 13707808 A 20080611

Abstract (en)

[origin: US2009308009A1] The present invention is a composition for making high quality, mold resistant, water proof building products. The composition from which these products are formed is a mixture of various polyethylene or polypropylene materials, in conjunction with fillers which may comprise recycled rubber products such as ethylene propylene-diene monomers, and styrene butadiene rubber, or mineral fillers to achieve a different feel and texture to the formulation without compromising the integrity of the product. This is achieved by altering the melt and amount of the high and/or low density polyethylene or polypropylene in the mix to end up with the correct material integrity. Colorants may be additionally be added to the mixture prior to final molding. This composition allows for products to be made that resemble traditional building products, but with a higher performance level that are also recyclable in their entirety.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2009152213A1

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