

Title (en)  
HEAVY LAYERED MATS

Title (de)  
SCHWERE GESCHICHTETE MATTEN

Title (fr)  
TAPIS À COUCHES LOURDES

Publication  
**EP 3927769 A1 20211229 (EN)**

Application  
**EP 20709908 A 20200206**

Priority  
• US 201962809219 P 20190222  
• EP 19173686 A 20190510  
• US 2020016966 W 20200206

Abstract (en)  
[origin: WO2020171964A1] A composition suitable for use in forming a heavy layer of a heavy layered mat and include: 5 wt% to 30 wt% a propylene-based elastomer; 5 wt% to 30 wt% low density polyethylene; 0 wt% to 15 wt% linear low density polyethylene; 50 wt% to 90 wt% filler; and 0.1 wt% to 5 wt% processing aid. Optionally, the composition can further include 0.1 wt% to 20 wt% of a stabilizer and/or an antioxidant. Optionally, the composition can further include 0.1 wt% to 10 wt% EVA copolymer, or the composition can have an absence of EVA copolymer.

IPC 8 full level  
**C08L 23/06** (2006.01); **B32B 27/00** (2006.01); **C08K 3/26** (2006.01); **C08L 23/16** (2006.01)

CPC (source: EP)  
**B32B 5/18** (2013.01); **B32B 5/245** (2013.01); **B32B 7/12** (2013.01); **B32B 25/02** (2013.01); **B32B 25/045** (2013.01); **B32B 25/16** (2013.01); **C08K 3/26** (2013.01); **C08L 23/0853** (2013.01); **C08L 23/16** (2013.01); **B32B 2250/02** (2013.01); **B32B 2250/03** (2013.01); **B32B 2262/0261** (2013.01); **B32B 2262/0276** (2013.01); **B32B 2262/101** (2013.01); **B32B 2264/062** (2013.01); **B32B 2264/065** (2013.01); **B32B 2264/067** (2013.01); **B32B 2264/10** (2013.01); **B32B 2264/101** (2013.01); **B32B 2264/102** (2013.01); **B32B 2264/104** (2013.01); **B32B 2264/108** (2013.01); **B32B 2266/0278** (2013.01); **B32B 2270/00** (2013.01); **B32B 2307/102** (2013.01); **B32B 2307/30** (2013.01); **B32B 2307/54** (2013.01); **B32B 2307/546** (2013.01); **B32B 2307/704** (2013.01); **B32B 2307/7248** (2013.01); **B32B 2307/732** (2013.01); **B32B 2307/738** (2013.01); **B32B 2471/04** (2013.01); **B32B 2605/00** (2013.01); **C08K 2003/265** (2013.01)

Citation (search report)  
See references of WO 2020171964A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2020171964 A1 20200827**; **WO 2020171964 A8 20210325**; CN 113227240 A 20210806; EP 3927769 A1 20211229

DOCDB simple family (application)  
**US 2020016966 W 20200206**; CN 202080007488 A 20200206; EP 20709908 A 20200206