

Title (en)  
GLUELESS DUSTLESS COMPOSITE FLOORING MATERIAL SYSTEM

Title (de)  
LEIMFREIES, STAUBFREIES VERBUNDFUSSBODENMATERIALSYSTEM

Title (fr)  
SYSTÈME DE MATÉRIAU DE REVÊTEMENT DE SOL COMPOSITE SANS POUSSIÈRE ET SANS COLLE

Publication  
**EP 3930977 A1 20220105 (EN)**

Application  
**EP 19916654 A 20190723**

Priority  
• US 201916287840 A 20190227  
• US 2019043026 W 20190723

Abstract (en)  
[origin: WO2020176127A1] A glueless dustless composite flooring material system providing PVC-based flooring having waterproof layers providing different qualities of hardness, wear-resistance, sound deadening, and decorative patterns, avoiding the use of moisture-susceptible compressed cellulose-based filler, with layers fused together, avoiding the manufacturing complexity and delamination risks of using glue or adhesive, with a quickly-cured, UV-cured top coating providing long-lasting high performance and shortening and simplifying the manufacturing, which can be done in a sheet-form, essentially continuous-run manner, with an ability to quickly and simply change the optional design printing and texturing produced, and having an optional underlayment layer.

IPC 8 full level  
**B29C 39/02** (2006.01); **B29C 49/24** (2006.01); **B32B 27/30** (2006.01); **C08L 27/06** (2006.01); **E04F 15/10** (2006.01)

CPC (source: EP KR)  
**B29C 39/02** (2013.01 - KR); **B29C 48/022** (2019.01 - EP); **B29C 48/154** (2019.01 - EP); **B29C 48/16** (2019.01 - KR); **B29C 48/175** (2019.01 - EP); **B29C 48/21** (2019.01 - EP); **B32B 3/06** (2013.01 - EP KR); **B32B 5/18** (2013.01 - EP KR); **B32B 9/02** (2013.01 - EP); **B32B 9/045** (2013.01 - EP); **B32B 25/08** (2013.01 - EP); **B32B 27/065** (2013.01 - EP KR); **B32B 27/08** (2013.01 - EP); **B32B 27/16** (2013.01 - EP KR); **B32B 27/20** (2013.01 - EP KR); **B32B 27/304** (2013.01 - EP KR); **B32B 27/308** (2013.01 - EP); **E04F 15/105** (2013.01 - EP KR); **E04F 15/107** (2013.01 - EP KR); **B29K 2027/06** (2013.01 - EP); **B29L 2031/732** (2013.01 - EP); **B32B 2250/03** (2013.01 - EP); **B32B 2255/10** (2013.01 - EP); **B32B 2255/26** (2013.01 - EP KR); **B32B 2264/102** (2013.01 - EP KR); **B32B 2264/104** (2013.01 - EP); **B32B 2266/0221** (2013.01 - EP); **B32B 2266/06** (2013.01 - EP); **B32B 2266/08** (2013.01 - EP); **B32B 2274/00** (2013.01 - EP); **B32B 2307/10** (2013.01 - EP KR); **B32B 2307/40** (2013.01 - EP); **B32B 2307/402** (2013.01 - EP); **B32B 2307/41** (2013.01 - EP); **B32B 2307/412** (2013.01 - EP); **B32B 2307/554** (2013.01 - EP); **B32B 2307/7265** (2013.01 - EP KR); **B32B 2307/75** (2013.01 - EP); **B32B 2419/04** (2013.01 - EP)

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Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2020176127 A1 20200903**; AU 2019431647 A1 20210826; CA 3127585 A1 20200903; CN 115768614 A 20230307; EP 3930977 A1 20220105; EP 3930977 A4 20221130; JP 2022522708 A 20220420; KR 20220006500 A 20220117; MX 2021009859 A 20210910

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