

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)
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Designated extension state (EPC)
BA ME

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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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