

Title (en)  
TRANSPARENT ELECTRICALLY CONDUCTIVE EPOXY RESIN COATING AND ELECTROSTATIC DISSIPATIVE FLOOR

Title (de)  
TRANSPARENTE ELEKTRISCH LEITENDE EPOXIDHARZ-BESCHICHTUNG UND ELEKTROSTATISCH ABLEITFÄHIGER BODEN

Title (fr)  
REVÊTEMENT DE RÉSINE ÉPOXY TRANSPARENT CONDUCTEUR DE L'ÉLECTRICITÉ ET PLANCHER DISSIPATIF ÉLECTROSTATIQUE

Publication  
**EP 4208514 A1 20230712 (DE)**

Application  
**EP 21769984 A 20210831**

Priority

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- EP 2021074015 W 20210831

Abstract (en)  
[origin: WO2022049071A1] The invention relates to the use of a combination of carbon nanotubes and at least one zinc oxide, more particularly an aluminium-doped zinc oxide, for producing a transparent, electrically conductive epoxy resin coating, and an electrostatic dissipative floor system which is sealed with the transparent, electrically conductive epoxy resin coating. The invention permits aesthetically attractive, transparently sealed, electrostatic dissipative epoxy resin floor systems, onto which more particularly conductive silica sand is scattered, the floor systems thus being particularly slip-resistant, wherein the structure and colour of the sand is well visible through the transparent seal.

IPC 8 full level  
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**B29C 70/00** (2013.01 - EP); **C08K 3/041** (2017.04 - US); **C09D 5/24** (2013.01 - EP US); **C09D 7/61** (2017.12 - EP US); **C09D 7/70** (2017.12 - EP); **C09D 163/00** (2013.01 - EP US); **E04F 15/12** (2013.01 - EP); **H01B 1/22** (2013.01 - EP); **H01B 1/24** (2013.01 - EP); **C08K 3/041** (2017.04 - EP); **C08K 2003/2296** (2013.01 - EP); **C08K 2201/001** (2013.01 - US)

Citation (search report)  
See references of WO 2022049071A1

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