

Title (en)  
LIGHT-TRANSMISSIVE CONDUCTOR WITH DIRECTIONAL CONDUCTIVITY

Title (de)  
LICHTDURCHLÄSSIGER LEITER MIT GERICHTETER LEITFÄHIGKEIT

Title (fr)  
CONDUCTEUR TRANSMETTANT LA LUMIÈRE À CONDUCTIVITÉ DIRECTIONNELLE

Publication  
**EP 4034942 A1 20220803 (EN)**

Application  
**EP 20868339 A 20200925**

Priority  
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• US 2020052610 W 20200925

Abstract (en)  
[origin: WO2021062075A1] Light-transmissive conductors including oriented conductors disposed in a light-transmissive polymer having a volume resistivity between 1x10<sup>10</sup> ohm-cm and 1x10<sup>4</sup> ohm-cm. The oriented conductors typically have very high conductivity along their length. Light-transmissive conductors described herein are well-suited for front electrodes for electro-optic displays, especially elongated displays in the shape of ribbons, stripes, or rulers.

IPC 8 full level  
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**D03D 1/0088** (2013.01 - EP); **D03D 15/46** (2021.01 - EP); **D03D 15/54** (2021.01 - EP); **D03D 15/547** (2021.01 - EP);  
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Designated extension state (EPC)  
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**WO 2021062075 A1 20210401**; CN 114424300 A 20220429; EP 4034942 A1 20220803; EP 4034942 A4 20230823; TW 202117424 A 20210501;  
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**US 2020052610 W 20200925**; CN 202080065794 A 20200925; EP 20868339 A 20200925; TW 109133477 A 20200926;  
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