



US 20220368121A1

(19) **United States**(12) **Patent Application Publication**
SAARNI(10) **Pub. No.: US 2022/0368121 A1**(43) **Pub. Date: Nov. 17, 2022**(54) **TRANSMISSION CABLE JOINT FOR A
MEDIUM VOLTAGE UNDERGROUND
CABLE SYSTEM****Publication Classification**(51) **Int. Cl.****H02G 15/117** (2006.01)**H02H 9/08** (2006.01)**H02G 15/12** (2006.01)**H02G 9/02** (2006.01)(52) **U.S. Cl.**CPC **H02G 15/117** (2013.01); **H02H 9/08**
(2013.01); **H02G 15/12** (2013.01); **H02G 9/02**
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§ 371 (c)(1),

(2) Date: **Feb. 17, 2021**(30) **Foreign Application Priority Data**

Aug. 30, 2018 (FI) 20185720

(57)

ABSTRACT

The application relates to a transmission cable joint for a medium voltage underground cable system. The cable joint comprises at least a casing and connection terminals for coupling wires of transmission cables. In addition, the connection terminals are in connection with an inductance component that is sheltered by the casing and limits capacitive earth fault current, when the coupled cables produce such current.

