



US 20220361383A1

(19) **United States**(12) **Patent Application Publication**  
**FESTA et al.**(10) **Pub. No.: US 2022/0361383 A1**(43) **Pub. Date: Nov. 10, 2022**(54) **ELECTRIC CONDUCTOR ASSEMBLY****Publication Classification**(71) Applicant: **Siemens Aktiengesellschaft**, 80333  
München (DE)(51) **Int. Cl.**  
**H05K 9/00** (2006.01)  
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(DE)(52) **U.S. Cl.**  
CPC ..... **H05K 9/009** (2013.01); **H05K 9/0098**  
(2013.01); **H01B 13/26** (2013.01)(73) Assignee: **Siemens Aktiengesellschaft**, 80333  
München (DE)(21) Appl. No.: **17/764,071**(22) PCT Filed: **Jul. 15, 2020**(86) PCT No.: **PCT/EP2020/069943**

§ 371 (c)(1),

(2) Date: **Mar. 25, 2022**(30) **Foreign Application Priority Data**

Sep. 27, 2019 (EP) ..... 19200091.7

(57) **ABSTRACT**

An electrical conductor assembly includes an electrical conductor, an electrically insulating jacket disposed around a conductor section of the electrical conductor, an electrically conductive sleeve disposed around a first insulating jacket section of the insulating jacket, and an electrically conductive yarn for realizing an electric field control. The electrically conductive yarn is wound around a second insulating jacket section of the electrically insulating jacket in adjacent relation to the first insulating jacket section.

