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**WANG**(10) **Pub. No.: US 2023/0231328 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **ELECTRIC ENERGY TRANSMISSION JOINT  
AND PREPARATION METHOD THEREFOR****H01R 43/16** (2006.01)**H01R 11/12** (2006.01)(71) Applicant: **JILIN ZHONG YING HIGH  
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**H01R 11/12** (2013.01)(72) Inventor: **Chao WANG**, Jilin (CN)(21) Appl. No.: **17/916,492**(22) PCT Filed: **Apr. 1, 2021**(86) PCT No.: **PCT/CN2021/084901**

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An electric energy transmission joint and a preparation method therefor. The electric energy transmission joint includes an electric energy transmission copper part, an electric energy transmission aluminum part (9), and an aluminum wire (3). The electric energy transmission copper part includes a fixer (1) for connection with an electric consumption device, and a connector (2) for connection with the electric energy transmission aluminum part (9). A first through hole is provided inside the electric energy transmission aluminum part (9), and a second through hole is provided inside the connector (2). An aluminum conductive core (4) exposed by stripping an insulation layer (5) from a front end of the aluminum wire (3) is inserted into a cavity formed by the connection of the first through hole and the second through hole. The electric energy transmission aluminum part (9) is connected to the aluminum wire (3) by crimping. The electric energy transmission copper part has the advantages of light weight, fast production, and reduced production cost.

