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(19) **United States**(12) **Patent Application Publication****Ferran Palau et al.**(10) **Pub. No.: US 2022/0386490 A1**(43) **Pub. Date: Dec. 1, 2022**(54) **ELECTRICAL ASSEMBLY****G01R 19/00** (2006.01)**G01R 15/20** (2006.01)(71) Applicant: **Lear Corporation**, Southfield, MI (US)(52) **U.S. Cl.**(72) Inventors: **Joan Ignasi Ferran Palau**, Valls (ES);
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(57)

ABSTRACT

An electrical assembly may include an electrically conductive first member, a magnetic second member, and/or a housing molded on the first member and the second member. A method of assembling an electrical assembly may include disposing the first member in contact with a first mold, disposing the second member in contact with the first mold, moving a second mold into contact with the first mold, and/or inserting a housing material (e.g., liquid plastic) into the first mold and the second mold to form the housing.

