

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2023/0231337 A1 M. et al.

Jul. 20, 2023 (43) **Pub. Date:**

(54) HOUSING PART FOR AN ELECTRICAL CONNECTOR WITH IMPROVED MATING **CHARACTERISTICS**

- (71) Applicants: TE Connectivity India Private Limited, Bangalore (IN); TE Connectivity Germany GmbH, Bensheim (DE)
- (72) Inventors: Chethan M., Bangalore (IN); Vishnu Patagar, Bangalore (IN); Sebastian Helm, Bensheim (DE); Kirstin Schang, Bensheim (DE); Joachim Barth, Bensheim (DE)
- (73) Assignees: TE Connectivity India Private Limited, Bangalore (IN); TE Connectivity Germany GmbH, Bensheim (DE)
- (21) Appl. No.: 18/155,174

(22) Filed: Jan. 17, 2023

(30)Foreign Application Priority Data

Jan. 17, 2022 (IN) 202241002555

Publication Classification

- (51) Int. Cl. H01R 13/50 (2006.01)H01R 13/52 (2006.01)
- (52) U.S. Cl. CPC H01R 13/50 (2013.01); H01R 13/5219 (2013.01)

(57) ABSTRACT

A housing part for an electrical connector includes a housing wall adjacent to an opening. The housing wall has a front edge with a chamfer on a side of the housing wall. The chamfer extends away from the front edge by a distance that varies along the front edge.

