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(54) **METHOD AND APPARATUS FOR  
ESTABLISHING SECURE  
COMMUNICATION**

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(71) Applicant: **HUAWEI TECHNOLOGIES CO.,  
LTD.**, Shenzhen (CN)

(72) Inventors: **Yizhuang WU**, Beijing (CN); **He LI**,  
Shanghai (CN); **Ao LEI**, Beijing (CN)

(73) Assignee: **HUAWEI TECHNOLOGIES CO.,  
LTD.**, Shenzhen (CN)

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(57) **ABSTRACT**

A method and an apparatus for establishing secure communication. The method includes: a terminal device receives a first message from a first network element, where the first message includes an identifier of a second network element and first indication information, and the first indication information indicates a candidate authentication mechanism associated with the second network element. The terminal device establishes a communication connection with the second network element based on the candidate authentication mechanism. The terminal device may obtain an authentication mechanism of the dynamically configured second network element, to meet a requirement for establishing a secure communication connection through authentication in an MEC architecture.

