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(54) **IN-SITU FLOW DETECTION METHODS AND ELECTRONIC DEVICES**

(71) Applicant: **New H3C Technologies Co., Ltd.**, Hangzhou, Zhejiang (CN)

(72) Inventor: **Yuanxiang QIU**, Beijing (CN)

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(57) **ABSTRACT**

The present disclosure provides an in-situ flow detection method and an electronic device. In the present disclosure, a BFIR in the G-BIER domain and an intermediate BFR between the BFIR and a BFER may transmit in situ flow detection information used for detecting network quality currently along with a G-BIER service packet, which realizes in-situ flow detection based on G-BIER service packet; at the same time, the BFIR in the G-BIER domain, the intermediate BFR and the BFER in the G-BIER domain may also report detection data used for detecting network quality currently to an analyzer which finally may detect network quality based on the detection data reported by the BFIR and the BFER in the G-BIER domain and the intermediate BFR between the BFIR and the BFER.