DISCHARGE EXAMINATION DEVICE, WIRE-BONDING APPARATUS, AND DISCHARGE EXAMINATION METHOD

ABSTRACT

A discharge examination device 50 for examining discharge of a wire-bonding apparatus that applies a voltage between a torch electrode 48 and a wire 42 to procure the discharge therebetween includes: a current detection unit 53 configured to detect a discharge current flowing through the wire 42; a timer unit 56b configured to measure discharge detection time after application of the voltage before detection of the discharge current; and a discharge determination unit 57a configured to determine whether or not the discharge is abnormal based on the discharge detection time. With this, a discharge examination device, a wire-bonding apparatus, and a discharge examination method that are capable of detecting abnormality of discharge are provided.

Fig 2