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(54) **WIRE ELECTRIC-DISCHARGE MACHINING APPARATUS, WIRE ELECTRIC-DISCHARGE MACHINING METHOD, AND CONTROL DEVICE**

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(58) **Field of Classification Search**
CPC combination set(s) only.
See application file for complete search history.

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(57) **ABSTRACT**

A control device of the wire electric-discharge machining apparatus includes a speed-ratio computing unit that calculates machining speed information related to a corner machining speed in a corner machining portion corresponding to an amount of machining in the corner machining portion, on the basis of NC data, a feedback machining-speed computing unit that calculates, as a feedback machining speed to be used for feedback control of wire electric-discharge machining, a machining speed corresponding to an inter-electrode state between a wire electrode and a work-piece measured during wire electric-discharge machining, and a multiplier that calculates a machining speed to be used for control of a machining device at a time of machining the corner machining portion, on the basis of the machining speed information and the feedback machining speed.

9 Claims, 7 Drawing Sheets

