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(54)	Title	<b>TUNGSTEN INERT GAS (TIG) PULSE ARC WELDING APPARATUS</b>
(56)	References Cited:	US 4092517 A, JP S5561384 A, WO 2013160745 A1, US 3584185 A, US 4507543 A, US 3522411 A
(57)	Abstract	

A Tungsten-inert-gas (TIG) pulse arc welding apparatus **100** for controlling a welding current pulse comprises at least two wire-feeding units **104a** and **104b**, a power supply unit, an input unit, a memory unit, a selector unit, and a controller unit. The wire feeding units **104a** and **104b** are positioned at an inclination to the non-consumable electrode **106**. The wire feeding units **104a** and **104b** are configured to feed a welding wire **112**. The power supply unit supplies electric power for at least two of a work-piece, the welding wire **112**, and the non-consumable electrode **106**. The input unit receives an input of a set of parameters. The memory unit stores the set of parameters. The selector unit selects a parameter from among the stored set of parameters based on a present value. The controller unit controls the welding current pulse based on the parameter selected by the selector unit.

