

ABSTRACT**Wire Feed System For A Wire Bonding Machine And Configured To Apply A Variable Tension To The Wire; Method Of Operating The Same**

A wire feed system (102) for a wire bonding machine is provided. The wire feed system (102) includes a wire supply (116), and an air guide (118) for receiving a length of wire (114) from the wire supply (116). The air guide (118) has an air inlet for receiving a pressurized fluid. The wire feed system (102) is configured to apply a variable tension to the length of wire (114) received by the air guide (118). A method of operating the wire feed system (102) is also disclosed.

Fig. 2