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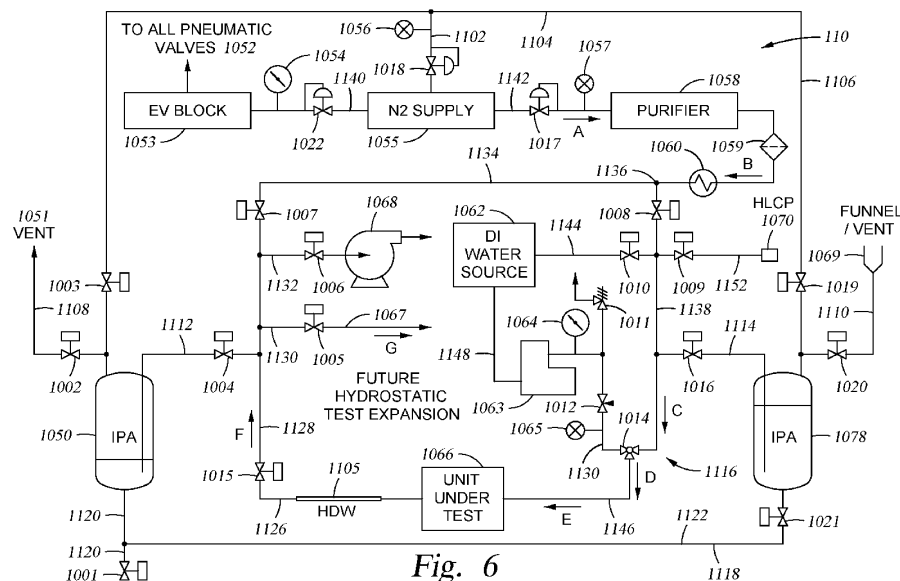


Fig. 6

(57) Abstract: A fluid test system for checking the integrity of connections and welds in a fluid component includes a first nitrogen source selectively connected to first and second isopropanol tanks, a fluid line circulation circuit, a drain selectively connected to the fluid circulation line, the first IPA tank connected to the fluid line circulation circuit through a first IPA line and a second IPA tank connected to the fluid line circulation circuit through a second IPA a second drain selectively connected to the first and second IPA tanks, a first deionized water line selectively connectable to a deionized water source and to the fluid line circulation circuit, and a vacuum pump selectively connectable to the fluid line circulation circuit through a vacuum selection valve, wherein the fluid line circulation circuit is selectively configurable to flow water, nitrogen and IPA through a unit under test.

[Continued on next page]

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