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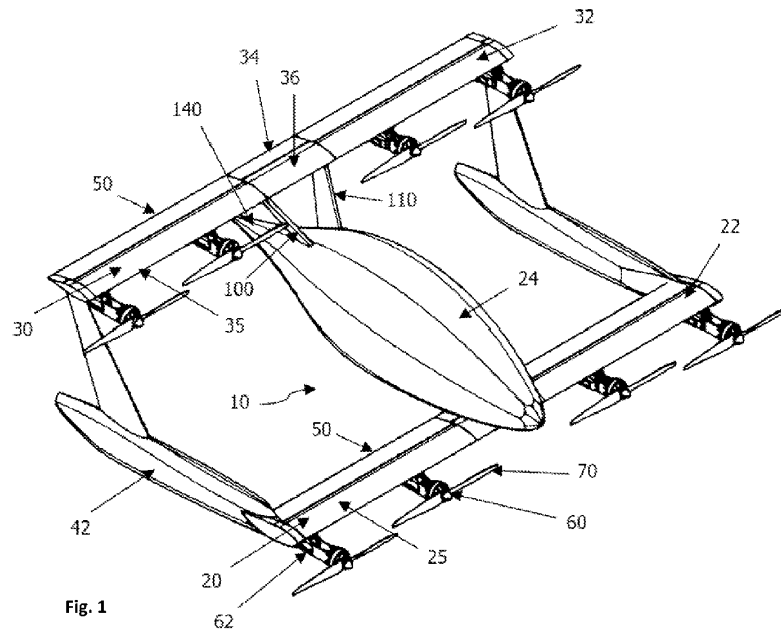


Fig. 1

(57) Abstract: An aircraft structure (10) comprising a fuselage (24), first and second forward wings (20, 22) mounted to and/or extending from opposing sides of the fuselage (24), a continuous rear wing span (34) defining first and second rear wings (30, 32) and a central static connecting portion (36), a first wing connecting member (42) extending between the first forward wing (20) and the first rear wing (30), a second wing connecting member (42) extending between the second forward wing (22) and the second rear wing (32), wherein the rear wing span (34) is supported by a centrally located V tail joint defined by first and second angularly inclined arms (100, 110), first and second electric motors each having rotors, are mounted to each wing (20, 22, 30, 32), each rotor is pivotal between a first configuration for vertical flight, and a second configuration for forward flight.

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