Claims

1. A balanced armature driver assembly, comprising a first balanced armature driver having an armature surrounded by a coil, said first balanced armature driver having two taps for connecting respective end points (12,14) of said coil to a cabling (6) having a positive signal cable and a negative signal cable, wherein the coil further comprises an intermediate point (16) which is electrically connected to one of said respective end points (12,14) such that the coil is shorted (16) between said intermediate point and said one of said respective end points (12,14).

2. The balanced armature driver assembly according to claim 1, further comprising a second balanced armature driver having an armature surrounded by a coil, said second balanced armature driver having three taps for connecting respective end points (22, 24) of said coil to the cabling (6); for connecting an intermediate point (26) to the cabling (6); or for connecting both respective end points (22, 24) of said coil and for connecting an intermediate point (26) to the cabling (6), wherein said first balanced armature driver and said second balanced armature driver are cabled such that a high pass filter is achieved at an output of the first balanced armature driver.

3. The balanced armature driver assembly according to claim 2, wherein the intermediate point (16) of the first balanced armature driver is electrically connected to the end point (14) which is connected to the negative signal cable of the cabling (6).

4. The balanced armature driver assembly according to claim 3, wherein the other end point (12) of the first balanced armature driver is wired to an end point (22) of the second balanced armature driver, wherein the intermediate point (26) of the second balanced armature driver is connected to the negative signal cable of the cabling (6), and wherein the other end point (24) of the second balanced armature driver is connected to the positive signal cable of the cabling (6).

5. The balanced armature driver assembly according to claim 4, further comprising a capacitor (28) placed in series between the other end point (12) of the first balanced armature driver and the end point (22) of the second balanced armature driver.

6. The balanced armature driver assembly according to claim 3, wherein the other end point (12) of the first balanced armature driver is wired to the intermediate point (26) of the second balanced armature driver with a capacitor (28) placed in series between them, wherein an end point (24) of the second balanced armature driver is connected to the negative signal cable of the cabling (6), and wherein the other end point (22) of the second balanced armature driver is connected to the positive signal cable of the cabling (6).

7. The balanced armature driver assembly according to claim 1, further comprising a second balanced armature driver having an armature surrounded by a coil, said second balanced armature driver having three taps for connecting respective end points (22, 24) of said coil to the cabling (6); for connecting an intermediate point (26) to the cabling (6); or for connecting both respective end points (22, 24) of said coil and for connecting an intermediate point (26) to the cabling (6), wherein said first balanced armature driver and said second balanced armature driver are cabled such that a low pass filter is achieved at an output of the first balanced armature driver.

8. The balanced armature driver assembly according to claim 7, wherein the intermediate point (16) of the first balanced armature driver is electrically connected to the end point (12) which is connected to the positive signal cable of the cabling (6).

9. The balanced armature driver assembly according to claim 8, wherein the other end point (14) of the first balanced armature driver is connected to an end point

(24) of the second balanced armature driver, wherein the other end point (22) of the second balanced armature driver is connected to the positive signal cable of the cabling (6), and wherein the intermediate point (26) of the second balanced armature driver is connected to the negative signal cable of the cabling (6).

10. The balanced armature driver assembly according to claim 8, wherein the other end point (14) of the first balanced armature driver and the intermediate point (26) of the second balanced armature driver are connected to the negative signal cable of the cabling (6), wherein an end point (22) of the second balanced armature driver is connected to the positive signal cable of the cabling (6), and wherein the other end point (24) of the second balanced armature driver is connected in series with a capacitor (28) to the intermediate point (16) of the first balanced armature driver and the end point (22) which is connected to the positive signal cable of the cabling (6), a resistor (30) being further placed in series between the positive signal cable of the cabling (6) and the intermediate point (16) of the first balanced armature driver.

11. The balanced armature driver assembly according to claim 1 , further comprising a second balanced armature driver having an armature surrounded by a coil, said second balanced armature driver having three taps for connecting respective end points (12,14) of said coil to the cabling (6); for connecting an intermediate point (16) to the cabling (6); or for connecting both respective end points (12, 14) of said coil and for connecting an intermediate point (26) to the cabling (6), wherein said first balanced armature driver and said second balanced armature driver are cabled such that a band pass filter is achieved at an output of the first balanced armature driver.

12. The balanced armature driver assembly according to claim 11, wherein an end point (22) of the second driver is connected to the negative signal cable of the cabling (6), wherein the intermediate point (16) of the first driver is electrically connected to the end point (12) which is connected to the positive signal cable of the cabling (6), wherein the intermediate point (26) of the second balanced

armature driver is further connected to the positive signal cable of the cabling (6), and wherein the other end points (14, 24) of the first driver and the second driver are wired together and are connected to the positive signal cable of the cabling (6) with a capacitor (28) placed in series.

13. The balanced armature driver assembly according to claim 1, wherein the first driver has three taps each connected to one of the respective end points of the coil and the intermediate point, and wherein the electrical connection such that the coil is shorted (16) between said intermediate point and said one of said respective points (12, 14) is realized by electrical wiring of the corresponding taps.

14. The balanced armature driver assembly according to claim 1, wherein the first driver has two taps each connected to one of the respective end points of the coil, and wherein the electrical connection such that the coil is shorted (16) between said intermediate point and said one of said respective points (12, 14) is realized internally to the coil.

15. The balanced armature driver assembly according to claim 1, further comprising an input circuit (4) for an input signal, the positive signal cable and the negative signal cable of the cabling (6) being respectively coupled to a positive output and a negative output of the input circuit (4).