## Claims

1. A blade assembly (1) for a mast (5) connected to a wind turbine, wherein the blade assembly (1) is configured to be attached to the mast (5), wherein the blade assembly (1) comprises
- a primary blade (10) comprising a primary attachment part (12) configured to be attached to the mast (5), and a primary airfoil (16) protruding from the primary attachment part (12),
- a biplane blade (20) connected to the primary blade (10), wherein the biplane blade (20) extends between a first connection (22) and a second connection (24) to the primary blade (10), wherein the biplane blade (20) comprises a biplane airfoil (26) between the first connection (22) and the second connection (24),
characterized in that
the blade assembly (1) further comprises a primary strut (30) configured to be connected between the primary blade (10) and the mast (5).

2. The blade assembly (1) according to claim 1, wherein the primary attachment part (12) is configured to be attached to a first part (12a) of the mast (5) and the primary strut (30) is configured to be connected to a second part (32a) of the mast (5), wherein the first part and the second part of the mast (5) are separated by a distance from each other.

3. The blade assembly (1) according to any of claim 1 and 2, wherein the primary blade (10) comprises a tip portion (14), and wherein the first connection (22) and the second connection (24) of the biplane blade (20) to the primary blade (10) is located between the primary attachment part (12) and the tip portion (14) of the primary blade (10).

4. The blade assembly (1) according to any of the previous claims, wherein the first connection (22) of the biplane blade (20) to the primary blade (10) is located adjacent to the primary attachment part (12).

5. The blade assembly (1) according to any of claim 3-4, wherein the second connection (24) of the biplane blade (20) to the primary blade (10) is located adjacent to the tip portion (14) of the primary blade (10).

6. The blade assembly (1) according to any of the previous claims, wherein the biplane blade (20) is shorter than the primary blade (10), wherein the length of the

biplane blade (20) between the first connection (22) and the second connection (24) constitutes 30 – 70 % the length of the primary blade (10), preferably 40 – 60 % the length of the primary blade (10).

7. The blade assembly (1) according to any of the previous claims, wherein the biplane blade (20) is arranged centered mid-blade to the primary blade (10).

8. The blade assembly (1) according to any of the previous claims, wherein the biplane blade (20) comprises a first part (20a) extending from the first connection (22) and away from the primary blade (10) such that a first space (28a) is formed between said first part (20a) and the primary blade (10), wherein a first portion (26a) of the biplane airfoil (26) is arranged on said first part (20a).

9. The blade assembly (1) according to any of the previous claims, wherein the biplane blade (20) comprises a second part (20b) extending from the second connection (24) and away from the primary blade (10) such that a second space (28b) is formed between said second part (20b) and the primary blade (10), wherein a second portion (26a) of the biplane airfoil (26) is arranged on said second part (20b).

10. The blade assembly (1) according to claim 9, wherein blade assembly (1) further comprises a secondary strut (40) connected between the primary blade (10) and the biplane blade (20).

11. The blade assembly (1) according to claim 10, wherein the biplane blade (20) comprises a connection part (29) where the first part (20a) and the second part (20b) of the biplane blade (20) are connected, wherein the secondary strut (40) is connected to the connection part (29).

12. The blade assembly (1) according to claim 11, wherein the connection part (29) between the first part (20a) and the second part (20b) of the biplane blade (20) is located further away from the primary blade (10) than the first part (20a) and the second part (20b) of the biplane blade (20).

13. The blade assembly (1) according to any of the previous claims, wherein the primary blade (10) and the biplane blade (20) mainly comprises one of aluminum and wood, or a combination thereof.

14. The blade assembly (1) according to any of claim 10-13, wherein the primary blade (10), the biplane blade (20), the primary strut (30) and the secondary strut (40) are made of separate elements.

15. A mast (5) of a wind-power plant comprising a blade assembly (1) according to any of claim 1-14.

16. Use of a blade assembly (1) according to any of claim 1-14.