What is claimed is:

1. A porous ceramic atomization core, characterized by comprising a heating unit (3) and a porous ceramic liquid transfer unit (2), wherein the porous ceramic liquid transfer unit (2) comprises a ceramic body (21) and a support portion (22) extending downward from the ceramic body (21), the ceramic body (21) comprises at least two protruding portions (211) which are connected into a whole through a connecting portion (23), a liquid transfer channel (2111) is arranged in each of the protruding portions (211), and the heating unit (3) is attached to bottoms of the liquid transfer channels (2111);

wherein a convex rim (24) extends outward from a top surface of each of the protrusion portions (211).

2. The porous ceramic atomization core according to Claim 1, wherein a notch (25) is formed in a side face of the connecting portion or/and surfaces of side walls of the protruding portions (211) to form an air passage.

3. The porous ceramic atomization core according to Claim 1, characterized in that the connecting portion (23) is configured as a slope structure which inclines from one of the protruding portions (211) to the other of the protruding portions (211); or, the connecting portion (23) is configured as a ridge structure; or, the connecting portion (23) is configured as an umbrella-shaped structure.

4. The porous ceramic atomization core according to Claim 1, characterized in that the support portion (22) is configured as a hollow structure, a solid structure, or a cylindrical structure with a closed lower end.

5. The porous ceramic atomization core according to Claim 1, characterized in that grooves are formed in an outer surface of the support portion (22), or holes are formed in a side wall of the support portion (22), or the outer surface of the support portion (22) is configured as an uneven coarse structure.

6. The porous ceramic atomization core according to Claim 1, characterized in that grooves are formed in an outer surface of the ceramic body (21), or holes are formed in a side wall of the ceramic body (21), or the outer surface of the ceramic body (21) is configured as an uneven coarse structure.

7. The porous ceramic atomization core according to Claim 1, characterized in that the heating unit (3) comprises a heating wire arranged in a middle thereof and electrodes arranged at two ends of the heating wire.

8. An electronic atomization device, characterized by comprising an atomizer housing (10), wherein the porous ceramic atomization core (20) according to any one of Claims 1-7 is arranged in the atomizer housing (10), top and bottom of the porous ceramic atomization core (20) are clamped by a sealing element (30) and a base (40) respectively, and a liquid chamber (50) is arranged between the atomizer housing (10) and the porous ceramic atomization core (20).

9. The electronic atomization device according to Claim 8, characterized in that the sealing element (30) is provided with a socket, and the porous ceramic atomization core (20) is inlaid and fixed in the socket.

10. The electronic atomization device according to Claim 8, characterized in that the porous ceramic atomization core (20) is according to Claim 2, wherein liquid transfer ports (31) communicated with the liquid transfer channels (2111) and an air vent (32) communicated with the air passage are formed in the sealing element (30).

11. The electronic atomization device according to Claim 8, characterized in that the base (40) is provided with a receiving cavity, the porous ceramic atomization core (20) is arranged in the receiving cavity of the base (40), and the base (40) is provided with an air inlet (401).

12. The electronic atomization device according to Claim 8, characterized in that the porous ceramic atomization core (20) is according to Claim 2, wherein an air inlet (401) of the base (40) is correspondingly communicated with the notch (25) of the porous ceramic atomization core (20).

13. The electronic atomization device according to Claim 8, characterized in that all portions, other than the convex rim (24), of the porous ceramic atomization core (20) are received in a receiving cavity of the base (40), and the convex rim (24) abuts against a top surface of a side wall of the base (40).

14. The electronic atomization device according to Claim 8, characterized in that the porous ceramic atomization core (20) is entirely received in a receiving cavity of the base (40).