lines L of four pin insertion holes 71P parallel to each other while suppressing lowering of a strength of the lattice structure coupling body 101.

[0118] The two connector coupling bodies 100A are connector coupling bodies to which end portions of two main pipes 501, 503 disposed at positions corresponding to two vertices positioned diagonally among four vertices of the rectangular shape are connected. The two connector coupling bodies 100B are connector coupling bodies to which end portions of two main pipes 502, 504 disposed at positions corresponding to another two vertices positioned diagonally among four vertices of the rectangular shape are connected.

[0119] As shown in FIG. 18 and FIG. 21, each of the two connector coupling bodies 100A includes a connector 70A of the lattice structure 16C, a counterpart connector 80A of the counterpart lattice structure 16B, and a coupling pin 90 for coupling these connectors 70A, 80A to each other.

[0120] As shown in FIG. 18 and FIG. 22, each of the two connector coupling bodies 100B includes a connector 70B of the lattice structure 16C, a counterpart connector 80B of the counterpart lattice structure 16B, and a coupling pin 90 for coupling these connectors 70B, 80B to each other.

[0121] Hereinafter, in FIG. 19, out of two connectors 70A, 70A positioned on a left side of the lattice structure 16C, one connector 70A connected to the first main pipe 501 is referred to as a first connector 701, and the other connector 70A connected to the third main pipe 503 positioned diagonally to the one connector 70A is referred to as a third connector 703. In the same manner, the counterpart connector 80A coupled to the first connector 701 is referred to as a first counterpart connector 801, and the counterpart connector 80A coupled to the third connector 703 is referred to as a third counterpart connector 803. In FIG. 19, out of two connectors 70B, 70B positioned on the left side of the lattice structure 16C, one connector 70B connected to the second main pipe 502 is referred to as a second connector 702, and the other connector 70B connected to the fourth main pipe 504 positioned diagonally to the one connector 70B is referred to as a fourth connector 704. In the same manner, the counterpart connector 80B coupled to the second connector 702 is referred to as a second counterpart connector 802, and the counterpart connector 80B coupled to the fourth connector 704 is referred to as a fourth counterpart connector 804.

[0122] As shown in FIG. 21 and FIG. 22, each of the first to fourth connectors 701 to 704 has a connector body portion 76 and a coupling portion 71. The connector body portion 76 includes a main pipe connecting portion 72, and an inclined pipe connecting portion 73. Each of the first to fourth counterpart connectors 801 to 804 has a connector body portion 86, and a coupling portion 81. The connector body portion 86 includes a main pipe connecting portion 82, and an inclined pipe connecting portion 83. A pin insertion hole 71P through which the coupling pin 90 passes is formed in the coupling portion 71 of each connector, and a pin insertion hole 71P through which the coupling pin 90 passes is formed in a coupling portion 81 of each counterpart connector. As shown in FIG. 21 and FIG. 22, by inserting the coupling pin 90 in a state where the position of the pin insertion hole 71P of the connector and the position of the pin insertion hole 71P of the counterpart connector corresponding to the connector are aligned with each other, the connector and the counterpart