

SWITCHGEAR BUS CONNECTING CONSTRUCTION

ABSTRACT

An object of the present invention is to provide a switchgear bus connecting construction reducing component parts, improving connection workability, and achieving cost reductions.

In this construction, T-bushings are airtightly mounted to insulating gas enclosures such that an end portion of a branch conductor is electrically connected to a power supply circuit, and end portions of buses are disposed coaxially adjacent to each other, a connecting conductor is fitted over a pair of the adjacent end portions of the buses so as to be slidable while maintaining a state of electrical contact, and an insulating tube composed of an elastic material is fitted over an adjacent pair of electrical insulators in a radially-expanded state so as to cover the connecting conductor and the adjacent end portions of the bus and so as to short-circuit conductive films of the adjacent pair of electrical insulators electrically with each other by means of a grounding conductive layer.

Thus, the number of parts is reduced, connection workability is improved, and cost reductions are enabled.

Fig. 1