

ABSTRACT

A dry load test apparatus 40 comprises multi stage resistor bodies 57R, 57S and 57T for high voltage load test having a large number of flat shaped resistor assemblies R_i , S_i and T_i consisting of numerous elongate resistor elements r_j provided side by side in a flat shape with interval and serially connected at an end thereof, said large number of resistor assemblies R_i , S_i and T_i being provided side by side with multi stages with interval in order that flat planes thereof become parallel so that numerous resistor element columns which are formed with corresponding said resistor elements r_j of the multi stage resistor assemblies R_i , S_i and T_i are provided. Further, the dry load test apparatus 40 comprises a plurality of first multi stage switching members Sw_{aij} and SW_{bij} , one end thereof being connected to an end of each of said resistor elements r_j of the resistor element columns to constitute switching member columns Sw_{ai} and SW_{bi} , a large number of inter assembly conductive members C_{aj} and C_{bj} respectively connecting other ends of first switching members Sw_{aij} and SW_{bij} of said switching member columns Sw_{ai} and SW_{bi} one another, and a vacuum circuit breaker (high voltage switch) 86 connecting a few of said large number of inter assembly conductive members C_{aj} and C_{bj} to an under test power supply (a three phase AC generator 88).