

REMOVING METHOD OF TUBE

[Name of Document] ABSTRACT

[Abstract]

[Object] It is an object of the invention to provide a removing method of a TUBE in which it is possible to easily pull out and remove, within a short time, the TUBE which is inserted into a tube-hole having an annular groove in its inner circumference of the tube-sheet and which is increased in diameter and fixed thereto.

[Solving Means] In removing a TUBE 3 increased in diameter and fixed to a tube-sheet 1, an inserted portion 3a which is fixed to a tube-hole 2 of the tube-sheet 1 is heated and then cooled, thereby reducing its diameter, and the inserted portion 3a is loosened from the tube-hole 2. Then, a region 3h opposed to a groove 4 formed in an inner circumference of the tube-hole is heated to a red-hot state, and the TUBE 3 is stretched in its axial direction, the red-heated region 3h is stretched to reduce its diameter and cut the region 3h, thereby pulling out the TUBE 3 from the tube-sheet 1.

[Selected Drawing] Figs. 1