

Cold Joint Terminal for Optical Fibers

Abstract

A cold joint terminal for optical fibers comprises a box-type shell (1), a fixing device and a compressing device which are provided in the shell (1). The fixing device comprising a tail shaft (4), a pushing pipe (5), and a guiding block (7) is used for fixing the fiber jacket when the fibers are inserted in position. The compressing device comprising a V-shaped groove metal block (2) and a cap (3) is compressed when the end faces of two fibers contact with each other. Connecting chambers (1-6) are provided respectively at both ends of the shell (1). A floating block (1-2) is provided in the middle of the shell (1). A caulking groove (1-1) and a groove (1-5) for receiving the cap (3) are provided respectively on both sides of the floating block (1-2).

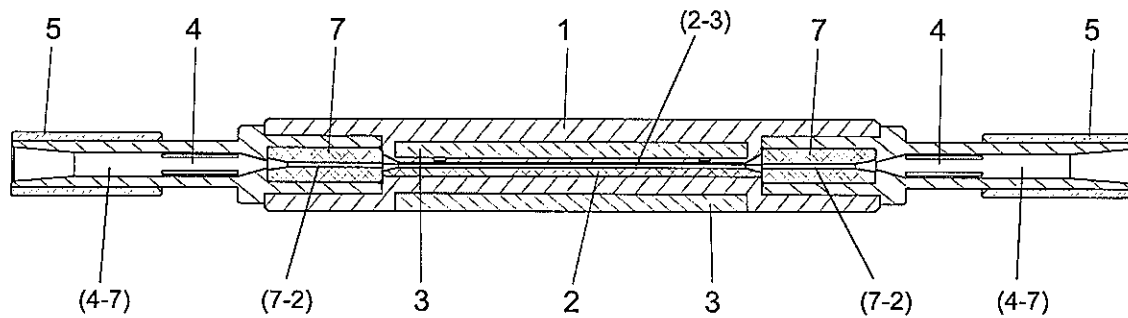


FIG. 1