

Abstract

Disclosed are an apparatus and method for releasing tension members for use in an anchor method, in which in state that both ends of the tension member are firmly and stably held by anchors, all or some of the wires consisting of several strands are cut, and at least one end of the cut wires is hit to release and draw the tension member. The anchor includes an anchor head 20 having opened upper and lower ends, and being formed with a cone-shape wedge-receiving space 21 at the upper end of the anchor head 20, a wedge unit 30 seated in the wedge-receiving space 21 of the anchor head 20, and having three wedges 31 assembled together to form a first hole 32 at the center of the wedge unit, through which the tension member 10 is inserted, a support plate 34 inserted into a circular groove 33 formed at an upper portion of the first hole 32, and an O-shaped ring 35 provided around three wedges 31 so that the wedges are expanded around the support plate 34, a spring 40, positioned on an upper portion of the wedge unit 30, for constantly biasing the wedge unit 30 against the wedge-receiving space 21 of the anchor head 20; and a wedge cover 50 fastened to the anchor head 20, with the spring 40 being seated on the upper end of the anchor head 20.