

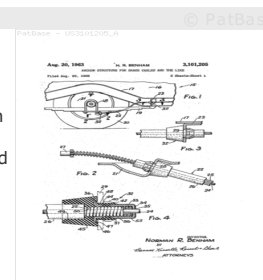
1) Family number: 22813054 (US3101205 A)

ANCHOR STRUCTURE FOR BRAKE CABLES AND THE LIKE

Abstract: Source: US3101205 A (Claim 1) 1. Anchor structure for brake cables and the like having an external sheathing, said anchor structure comprising, means forming a thimble having generally rigid side walls lying generally on a cylindrical surface, said thimble being adapted to slidably receive and engage sheathing on cable inserted therein, said thimble having at one end an opening through which cable may pass and having at its other end an outwardly turned flange, a body of resiliently distortable material fixed to the exterior of said thimble, said body of material having two longitudinally spaced apart enlargements with an intermediate portion of reduced diameter forming a groove adapted to fit in an opening of predetermined size, said flange being imbedded in one of said enlargements and the cylindrical wall of said thimble providing a generally rigid internal support for the other enlargement, the first mentioned enlargement having a generally radial shoulder adjacent said groove, said other enlargement having an alternate circumferential series of ribs and grooves so that said other enlargement can be resiliently compressed generally to said diameter for passing through an opening, said other enlargement having one end surface disposed toward said one end of said thimble angled relatively mildly to the longitudinal extent of said thimble to facilitate compression of said other enlargement as it is forced through an opening, the other end surface of the other enlargement being relatively abruptly angled to said longitudinal extent to facilitate anchoring said structure within the opening, said shoulder and other end surface being yield-ably engageable against opposite faces of a member to which said structure is secured to facilitate securing said structure to members having different thicknesses, said first enlargement having a longitudinal opening therein aligned with the thimble interior, the latter said opening being dimensioned so that the walls defining the same friction-ally engage the sheathing of cable inserted into said structure for securing the structure and sheathing together.

Probable Assignee: BENHAM NORMAN R

Earliest Publication Date: 19630820



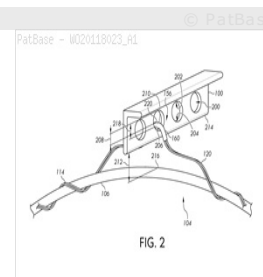
2) Family number: 79348306 (WO20118023 A1)

CABLE SUPPORT TIE

Abstract: Source: WO20118023 A1 A support device for supporting a cable includes a central support portion having a first side and a second side. The support device also includes a first leg portion extending between a first end and a second end, the first leg portion having a first helical winding. The support device also includes a second leg portion extending between a third end and a fourth end, the second leg portion having a second helical winding. The support device further includes a hanger portion attached to the central support portion. The hanger portion includes structure that cooperates with an associated attachment structure. The first leg portion is attached to the central support portion and the second leg portion is attached to the central support portion. The first helical winding and the second helical winding are configured to receive the cable.

Probable Assignee: PREFORMED LINE PRODUCTS CO

Earliest Publication Date: 20200611



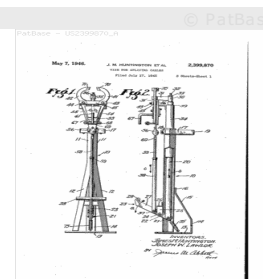
3) Family number: 21976381 (US2399870 A)

WISE FOR SPLICING CABLES

Abstract: Source: US2399870 A 1) be set to dispose the arm 3| at dinerent heights, for a purpose to be hereinafter described. The upper end of the operating rod extends through a tubular member 34 which is secured within the upper end of the portion || of the standard |0. Mounted upon the free ends of the arm 3| is a saddle -35 which has an enlarged base portion to straddle the arm 3|, and is also formed with an upwardly presented anvil 36 having an arcuate groove transversely of its upper face (Fig. 4) and conforming substantially to the arcuate curve of a loop of cable and to the circular form of the transverse section for a purpose to be hereinafter described. It will thus be seen that when pressure is applied to the portion 20 of the treadle 23 the operating rod 20 will be moved upwardly and will carry the anvil 36 with it. Pivotally mounted at 31 (Fig.

Probable Assignee: HUNTINGTON JAMES M

Earliest Publication Date: 19460507



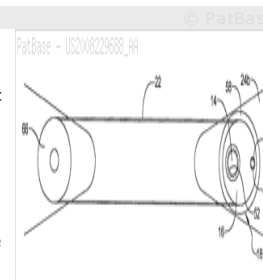
4) Family number: 41782142 (US2008229688 AA)

TENSIONING APPARATUS AND METHOD

Abstract: Source: US2008229688 AA A system and method for tensioning a cable. A thimble is placed over an eccentric member having a splined bore. A portion of an endless cable is placed over the thimble. The eccentric member and thimble are placed between a pair of parallel, spaced apart arms of a mounting structure. A splined shaft is inserted through holes in the arms and into the splined bore of the eccentric member to secure the eccentric member to the mounting structure. A threaded nut is placed on a threaded end of the splined shaft. The cable is tensioned by rotating a head portion of the splined shaft 180 degrees, or by a different predetermined value, which places the cable under a predetermined tension. A retaining screw is inserted through one of the mounting structure arms and into a threaded hole in the eccentric member. The system enables a precise degree of tension to be quickly and easily applied to a cable with no risk of accidentally over-tensioning the cable.

Probable Assignee: BOEING CO

Earliest Publication Date: 20080924



JOINTED LIMB COMPRISING FIBRES, AND JOINTED STRUCTURE AND ROBOT OR HAPTIC INTERFACE COMPRISING SUCH A JOINTED LIMB

Abstract: Source: US2009260473 AA The primary object of the present invention is a jointed and instrumented limb for robot or haptic interface comprising at least first (2) and second (4) rigid segments and a joint (6), said joint (6) comprising fibers and at least one measurement element (101, 102) and being fixed in each of the rigid segments (2, 4). The present invention also has for object a robot or a haptic interface comprising at least one such jointed limb.

Probable Assignee: COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES

Earliest Publication Date: 20080207

