

Title (en)
ARRANGEMENT FOR SUPPORTING A BRACE, IN PARTICULAR A STAY CABLE, TRANSVERSELY TO THE LONGITUDINAL EXTENT THEREOF

Title (de)
ANORDNUNG ZUM ABSTÜTZEN EINES ZUGGLIEDS, INSBESONDERE EINES SCHRÄGSEILS, QUER ZU SEINER LÄNGSERSTRECKUNGSRICHTUNG

Title (fr)
SYSTÈME DESTINÉ À SUPPORTER UN ORGANE DE TRACTION, NOTAMMENT UN HAUBAN, DANS UN SENS PERPENDICULAIRE À SON ÉTENDUE LONGITUDINALE

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Priority

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Abstract (en)
[origin: WO2013004350A1] Arrangement for supporting a brace (4), in particular a stay cable or a prestressing member, transversely to the longitudinal extent thereof in the vicinity of the anchorage of a structure (1) ° having a cavity pipe (5) which accommodates the brace (4) in the vicinity of the anchorage, which runs coaxially along a first longitudinal axis (6) and of which one end has a first axially loadable bearing surface (21), which is concentric in relation to the first longitudinal axis (6), ° and having an adapter ring (23) which on its first side, directed towards the cavity pipe (5), has a first axially loadable support surface (25'), running concentrically in relation to the first longitudinal axis (6) and intended for mounting the adapter ring (23) in a predetermined position, following rotation about the first longitudinal axis (6), on the first bearing surface (21) of the cavity pipe (5), and which on its second side, directed away from the cavity pipe (5), has a second axially loadable bearing surface (27'), which runs concentrically in relation to a second longitudinal axis (28) and has an amount of eccentricity E_i in relation to the first longitudinal axis (6), ° and having a tubular or annular supporting element (18) which has a second axially loadable support surface (33'), which is arranged concentrically in relation to the second axially loadable bearing surface (27') of the adapter ring (23) and of which the opening, which encircles a third longitudinal axis (12), forms a supporting surface for the brace (4) by way of its inner circumference, wherein the opening has an amount of eccentricity E_2 in relation to the second axially loadable support surface (33') of the supporting element (18), ° and having fastening means (37, 38) which clamp the cavity pipe (5), the adapter ring (23) and the supporting element (18) together axially in position relative to one another. The advantage of the invention is, inter alia, that the arrangement develops in the axial direction, which results in an extremely narrow design in the radial direction and ensures good accessibility of the brace (4) even for retrospective adjustment or maintenance work.

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Cited by
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