CLAIMS

1. A bend restriction element for restricting the bending range of a conduit,

wherein the element is modular for forming a tube segment all around ~~such a conduit~~a conduit configured to be used with through locked interlocking circumferential interconnection, i.e., interconnection in circumferential direction of ~~such a conduit~~a conduit configured to be used with, of the element with at least one similar such element,

wherein said tube segment is modular for forming an articulated tube all around ~~such a conduit~~a conduit configured to be used with through locked interlocking longitudinal interconnection, i.e., interconnection in longitudinal direction of ~~such a conduit~~a conduit configured to be used with, of said tube segment with at least one similar such tube segment,

wherein tube segments of the articulated tube can hinge relative to each other about lines which are transverse to said longitudinal direction of ~~such a conduit~~a conduit configured to be used with, and

wherein the hinging range of said hinging of the tube segments is restricted for said restricting of the bending range of ~~such a conduit~~a conduit configured to be used with,

characterized in that the element is configured such that said locking of said circumferential interconnection of the elements of at least one tube segment concerned of the articulated tube is ensured both by the manner of interlocking of the longitudinal interconnection of the tube segment concerned with a tube segment of the articulated tube situated in the longitudinal direction on one side thereof, and by the manner of interlocking of the longitudinal interconnection of the tube segment concerned with a tube segment of the articulated tube situated in the longitudinal direction on the other side thereof, wherein said respective

manners of interlocking are also part of, respectively, ensuring said locking of said circumferential

interconnection of the elements of the tube segment situated on said one side, and ensuring said locking of said circumferential interconnection of the elements of the tube segment situated on said other side.

2. A bend restriction element according to claim 1, wherein the element is configured such that

the tube segment concerned, the tube segment situated on said one side, and the tube segment situated on said other side each comprise a mutually similar first portion, a mutually similar second portion, and a mutually similar third portion,

said manner of interlocking of the longitudinal interconnection of the tube segment concerned with the tube segment situated on said one side is realized in that at least the first portion of the tube segment concerned is enveloped all around by the tube segment situated on said one side, and

said manner of interlocking of the longitudinal interconnection of the tube segment concerned with the tube segment situated on said other side is realized in that at least the second portion of the tube segment concerned is enveloped all round by the third portion of the tube segment situated on said other side.

3. A bend restriction element according to claim 2, wherein the element is configured such that

said manner of interlocking of the longitudinal interconnection of the tube segment concerned with the tube segment situated on said one side is realized in that the second portion of the tube segment situated on said one side envelops the first portion of the tube segment concerned all around and also is enveloped all around by the third portion of the tube segment concerned, and

said manner of interlocking of the longitudinal interconnection of the tube segment concerned with the tube segment situated on said other side is realized in that the second portion of the tube segment concerned envelops the first portion of the tube segment situated on said other side all around and also is enveloped all around by the third portion of the tube segment situated on said other side.

4. A bend restriction element according to any one of the preceding claims, wherein the element is configured such that said locked interlocking longitudinal interconnection of the tube segments is realized by interlocking of at least radially (i.e., in radial direction R), seen relative to ~~such a conduit~~a conduit configured to be used with, receding portions and projecting portions, respectively, of two respective interconnected tube segments.

5. A bend restriction element according to any one of the preceding claims, wherein the element is configured such that

elements adjoining each other in the longitudinal direction of two mutually adjacent segments of the articulated tube are not in line with each other in said longitudinal direction, in that they are situated staggeredly with respect to each other in said circumferential direction, and

said staggered situation is maintained in that the element comprises blocking means which at least partly block mutual relative rotation in said circumferential direction of said elements adjoining each other.