CLAIMS

1. Apparatus for lifting a device along an elongate component ~~(13)~~, with a closed clamping chain ~~(21)~~ with a longitudinal direction (L),
wherein at least two movable groups of clamping elements ~~(40, 41)~~ are arranged on the clamping chain ~~(21)~~,
and the clamping elements ~~(40, 41)~~ of each group have a fixed relative spacing from clamping elements ~~(40, 41)~~ of the same group,
and the clamping elements ~~(40, 41)~~ of different groups can be moved relative to each other in the longitudinal direction (L),
and the clamping elements ~~(40, 41)~~ of each group together form a clamping cross-section of variable size,
characterised in that in at least one cross-section of the clamping chain ~~(21)~~ perpendicular to the longitudinal direction (L), clamping elements ~~(40, 41)~~ of different groups are arranged on the clamping chain ~~(21)~~.

2. Lifting apparatus according to claim 1, characterised by a plurality of elongate segments ~~(23)~~ connected together to form the clamping chain ~~(21)~~ and oriented in the longitudinal direction (L), in which the first clamping elements ~~(40)~~ of the first group and the second clamping elements ~~(41)~~ of the second group are arranged movably relative to each other in the longitudinal direction (L).

3. Lifting apparatus according to claim 1 or 2, characterised by at least one adjustment device with which a clamping cross-section of at least two movable groups of clamping elements ~~(40, 41)~~ can be adjusted to form a pretension or for tensioning or release.

4. Lifting apparatus according to one of claims 2 or 3, characterised by slip devices ~~(50, 51)~~ at the radially inner end of the segments ~~(23)~~.

5. Lifting apparatus according to any of claims 2, 3 or 4, characterised in that each of the segments (23) comprises a segment housing ~~(30)~~, and a cassette ~~(62)~~ is arranged displaceably in the longitudinal direction (L) in the segment housing ~~(30)~~, and the first clamping elements ~~(40)~~ are arranged position-fixedly on the segment housing ~~(30)~~ and the second clamping elements ~~(41)~~ are arranged position-fixedly on the cassette ~~(62)~~.

6. Lifting apparatus according to any of claims 2 to 5, characterised in that the segment ~~(23)~~ has a lifting cylinder ~~(25)~~ on the non-platform-side end, with a cylinder housing ~~(250)~~ which is position-fixedly connected to the segment housing ~~(30)~~ and with a piston ~~(251)~~ which is position-fixedly connected to the cassette ~~(62)~~.