

Energy guide chain having laterally stabilized tabs made of plastic

ABSTRACT

The invention relates to cable carriers having laterally stabilized tabs made of plastic. An arc-shaped guide region (120A, 120B) of one tab (102) engages in a free space (123) behind a retaining nub (121A, 121B) on the other tab. The retaining nub (121A, 121B) provides lateral stabilization. According to the invention, the retaining nub (121A, 121B) is spatially limited to a middle height section (hl) of the tab height and limited in dimension in the circumferential direction about the pivot axis (A). The arc-shaped guide region (120A, 120B) is thus overlapped solely by a smaller proportion, preferably $\leq 33\%$, of the arc length or angle width (a) thereof by the retaining nub (121A, 121B) and remains not overlapped (that is, laterally free) over a predominant proportion, particularly 66%, of the arc length or angle width (Ba) thereof by the retaining nub (121A, 121B). This particularly facilitates the assembly of the chain tabs and their connection to each other.

[Figure 3A]