

Abstract

Line-protecting transverse bar for an energy guiding chain

5 The invention concerns a transverse bar (512) for a chain link (10) of
an energy guiding chain (1) for guiding lines. The transverse bar (512) has
an elongate main body (525) comprising a first plastic and at both
longitudinal ends a connecting region for connection to the side plates (11).
The main body (525) of the transverse bar (512) has two long narrow sides
10 (523) which each have a holding device for separating bars (20).

 According to the invention provided on the inside (562) of the main
body (525) that faces towards the lines is a line-protecting layer (565) for
handling the lines gently and comprising a second plastic which is different
from the plastic of the main body (525) and is selected to reduce abrasion
15 upon relative movement between a line and the transverse bar. In that case
the line-protecting layer (565) extends from one narrow side (523) to the
other and at least predominantly covers over the inside (565) of the main
body (525) but leaves uncovered the respective holding device at the one
narrow side (523) and at the other narrow side (523).

20

(Figure 1 and Figure 5B)