

ABSTRACT

The invention relates to the design of chain links (10) for energy chains (1) for movably carrying cables, hoses and the like. The chain link (10) consists of a plurality of individual parts (2A, 2B, 3), namely two side plates (2A, 2B) made of plastic, comprising an interior side (I) facing the interior of the chain link, an exterior side (A) facing away therefrom and two narrow sides (4A, 4B) running substantially parallel to the longitudinal direction, and at least one, more particularly two transverse connecting pieces (3) for detachably connecting the side plates, comprising a center part (7) and a fastening portion (6) at each end of the transverse connecting piece on both sides. The side plates (2A, 2B) have, on at least one narrow side, a corresponding fastening region for frictionally fastening a transverse connecting piece, namely a clamping receptacle (5) which has two clamping surfaces (5A, 5B), which are opposite one another in the longitudinal direction (L) and between which a complementarily shaped fastening portion (6) of the at least one separate transverse connecting piece (3) is clamped. According to the invention, each transverse connecting piece (3) has two support protrusions (12) on each fastening portion (6), each support protrusion having a support surface (13) for resting against the interior side of the side plate (2A, 2B) in order to achieve a robust connection. Furthermore, the invention proposes providing the side plate (2A, 2B), in the central region between the fastening regions (5), with a special functional cut-out (24, 25) in the plate body, which cut-out facilitates additional functions or application expansions.