

SLIDING SHOE FAIRLEAD WITH AN INTEGRATED CHAIN STOPPER

A B S T R A C T

A holding and guiding device for a mooring chain, mounted pivotally about a vertical axis (5) and having an integrated chain stopper (2) mounted above the glide track (4) on top of the fairlead. The glide track (4) has a longitudinal slot (11) providing room for the standing links (9) of the chain and has flat parts (3) supporting the lying links (8) of the chain in order to avoid that these become subjected to bending moments when the chain is loaded. In the middle of the flat parts (3) the glide track has deviations (12) providing room for the welds of the chain. Between the flat parts (3) the glide track (4) is evenly rounded in the longitudinal direction. The slot (11) of the glide track has one or more shallower parts which, when the chain is pulled in, force the standing links (9) outwards so that they in turn lift the ends of the lying links (8) of the chain away from the glide track (4). The integrated chain stopper comprises pawl arms (2) or locking lugs (19) engaging under a chain link and thereby holding the chain fast. The pawl arms or locking lugs are supported on separate shafts (14), so that they may be pivoted in and out. The chain stopper may be remotely operated by means of wires (15,16) which are attached to the pawl arms or locking lugs. These wires (15,16) are guided in the correct direction through bent pipes (18) attached to the structure of the chain stopper.

(Fig. 1)