

PNEUMATIC FENDER

ABSTRACT OF THE DISCLOSURE

To provide a pneumatic fender whose diameter is capable of being greatly enlarged during use compared with when it is not being used, such as during storage, transport, and the like.

The body portion 2 is configured by laminating a plurality of reinforcing layers 5 between the inner layer rubber 4 and the outer layer rubber 7, the cords 6a, 6b of reinforcing layers 5 that have been laminated adjacent to each other intersect and are arranged at a predetermined cord angle A with respect to the body axial direction, an intermediate rubber layer 8 is interposed between each of the reinforcing layers 5, in an uninflated neutral state the thicknesses of the intermediate rubber layers 8 are 1 mm to 5 mm, and the cord angle A is set to 15° to 45°, so when the interior of the fender 1 is filled with air to the prescribed internal pressure, the cord angle A increases to a static angle while the intermediate rubber layers 8 deform in shear, and the body portion 2 increases in diameter and inflates.

[Selected Drawing] FIG. 1