

ABSTRACT OF THE DISCLOSURE

HYBRID CORE ROPE

5 The present invention is to provide a hybrid core rope which does
not require maintenance or a hybrid core rope capable of reducing a
maintenance task. The hybrid core rope includes a resin solid core in
which a plurality of spiral grooves is formed in the longitudinal direction on
an outer peripheral surface thereof, a plurality of fiber bundles respectively
10 spirally wound around the outer peripheral surface of the resin solid core
along the plurality of spiral grooves, the fiber bundles having thickness to
fill the spiral grooves, and a plurality of steel strands spirally wound around
the outer peripheral surface of the resin solid core around which the fiber
bundles are wound. The fiber bundles and the strands are respectively
15 wound so as to have angles which are not parallel to each other.

Fig. 1