

Fishing Reel

[Document Name] Abstract

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[Object] To provide a fishing reel assembled with a magnetic seal mechanism, with a structure that securely prevents a ferrofluid of the magnetic seal mechanism from entering a one-way clutch near the magnetic seal mechanism even when big shocks or vibrations are applied.

[Solution] A fishing reel of the present invention includes a one-way clutch 20 disposed on an inner ring 21 and a magnetic seal mechanism 50 that forms a sealing membrane, with a ferrofluid, in a gap between it and the outer surface of the inner ring 21 so as to prevent foreign matter from entering the one-way clutch 20. The inner ring 21 is formed with a circumferential groove 21A that prevents the ferrofluid from entering the one-way clutch 20, and an O-ring 21B is mounted in the circumferential groove.

[Representative Drawing] Fig. 2