

Title (en)
RUDDER PROPELLER

Title (de)
RUDERPROPELLER

Title (fr)
HÉLICE ORIENTABLE

Publication
EP 2665641 A2 20131127 (DE)

Application
EP 12700159 A 20120105

Priority
• DE 102011009071 A 20110120
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Abstract (en)
[origin: WO2012098021A2] The invention relates to a rudder propeller comprising a drive shaft and a propeller shaft that can be driven by the drive shaft by means of an angular drive and a planetary gear, said gear being located on the propeller shaft and comprising a sun gear that is connected to the angular drive via a coupling, a fixed ring gear and planet gears that revolve between the sun gear and ring gear and that are mounted on a planet carrier. The planet carrier is secured against torque to the propeller shaft and the coupling between the angular drive and the sun gear is designed as a double cardanic, rotationally-fixed flexible coupling, in such a way that radial and angular displacements of the sun gear in relation to the angular drive can be compensated.

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Citation (search report)
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WO 2012098021 A2 20120726; **WO 2012098021 A3 20120920**; CA 2824989 A1 20120726; CN 103402868 A 20131120; CN 103402868 B 20160504; DE 102011009071 A1 20120726; EP 2665641 A2 20131127; JP 2014509975 A 20140424; KR 20140041429 A 20140404; US 2013295801 A1 20131107; US 9227716 B2 20160105

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