

Title (en)
KAYAK PEDAL DRIVE

Title (de)
KAJAKPEDALANTRIEB

Title (fr)
ENTRAÎNEMENT À PÉDALE KAYAK

Publication
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Application
EP 23205164 A 20231023

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Abstract (en)
The present invention comprises a first rotating shaft (20) with pedal cranks (10) attached to it and to respective pedals (22) such that pedaling rotates the first rotating shaft (20); a motor (1) configured to rotate the first shaft (20) when said shaft is rotating by pedaling; a plate (15) attached to the first shaft (20) that transmits the rotation generated by the cranks (10) and/or the motor (1) to a first cog wheel (17) attached to a second rotating shaft (21); and a gear shift (5) interposed between the first cog wheel (17) and a second cog wheel (4) that variably regulates the gear ratio between both. The second cog wheel (4) is connected to second transmission means (6, 8) that transmit the rotation of the second shaft (21) to a propeller (7).

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Citation (search report)
• [I] US 2021107603 A1 20210415 - HOWARD-WILLIS GUY [NZ], et al
• [I] WO 2010027202 A2 20100311 - KIM JONG-LEE [KR]
• [A] US 11148775 B2 20211019 - KUEHMICHEL BLAINE G [US]

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