

Title (en)
AN ELECTRIC SAILDRIVE

Title (de)
ELEKTRISCHER SEGELANTRIEB

Title (fr)
ENTRAÎNEMENT ÉLECTRIQUE À VOILE

Publication
EP 4368494 A1 20240515 (EN)

Application
EP 22206905 A 20221111

Priority
EP 22206905 A 20221111

Abstract (en)
An electric saildrive (2) for a sailing boat. The electric saildrive (2) comprises an elongate hollow shaft and an elongate transmission axle extending longitudinally within said elongate hollow shaft, and a hollow housing (8) surrounding the elongate hollow shaft. A pod housing (9) is rigidly connected to the end of said elongate hollow shaft and the transmission axle extends into an inner compartment of the pod housing (9). The inner compartment accommodates an angle drive connecting the transmission axle to a propeller shaft (10) which extends from said inner compartment to the exterior of the pod housing (9) through a second aperture in a sealed manner. The hollow housing (8) has an elongate cross-section so as to provide a fin-shape.

IPC 8 full level
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CPC (source: EP)
B63H 5/125 (2013.01); **B63H 20/007** (2013.01); **B63H 21/17** (2013.01); **B63B 2035/009** (2013.01); **B63H 20/04** (2013.01); **B63H 21/386** (2013.01); **B63H 2005/1256** (2013.01); **B63H 2020/323** (2013.01)

Citation (applicant)
• GB 2063196 A 19810603 - STEADMAN E J
• EP 2280862 A2 20110209 - SIEMENS AG [DE]
• EP 2154063 A1 20100217 - VESTING PROJEKTENTWICKLUNGS AG [DE]

Citation (search report)
• [X] US 2012028514 A1 20120202 - GRASSI DAVIDE [IT], et al
• [I] US 8425268 B2 20130423 - DAIKOKU KEISUKE [JP], et al
• [A] US 1689962 A 19281030 - PECK ELMER E
• [A] US 2015050846 A1 20150219 - CASE ROBERT [US]
• [A] US 2021070411 A1 20210311 - BRAGG TIMOTHY A [US]

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