

Title (en)
A DRIVE MECHANISM

Title (de)
ANTRIEBSMECHANISMUS

Title (fr)
MÉCANISME PROPULSEUR

Publication
EP 3672869 A4 20210526 (EN)

Application
EP 18848216 A 20180821

Priority
• US 201762549250 P 20170823
• US 201762549238 P 20170823
• US 2018047322 W 20180821

Abstract (en)
[origin: WO2019040490A1] A vehicle is provided having at least one control motor that includes a drive motor having a stationary portion and a rotatable portion, where the drive motor rotatable portion is coupled to a rotor shaft, where the drive motor is configured to rotate the rotor shaft, where the rotor shaft is coupled to a rotor, at least one pitch motor having a stationary portion and a rotatable portion, where the stationary portion of the pitch motor is a stator, where each pitch motor rotatable portion includes a pitch control linkage, where the pitch motor rotatable portion is connected to the rotor through the pitch control linkage, and at least one variable pitch blade holder connected to the pitch control linkage, where a pitch angle of the blade holder is capable of being adjusted by the pitch motor within each revolution of the rotor through the use of control signals.

IPC 8 full level
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Citation (search report)
• [XII] GB 2149372 A 19850612 - GEC AVIONICS
• [XII] JP S621690 A 19870107 - URAGAMI FUKASHI
• [XII] US 5281094 A 19940125 - MCCARTY FREDERICK B [US], et al
• [XII] EP 0652154 A1 19950510 - HISPANO SUIZA SA [FR]
• See also references of WO 2019040490A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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WO 2019040490 A1 20190228; CN 111065577 A 20200424; EP 3672869 A1 20200701; EP 3672869 A4 20210526; JP 2020531366 A 20201105

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US 2018047322 W 20180821; CN 201880054529 A 20180821; EP 18848216 A 20180821; JP 2020532851 A 20180821