Title (en)

A PULLEY AND TRANSMISSION SYSTEM

Title (de)

RIEMENSCHEIBE UND ÜBERTRAGUNGSSYSTEM

Title (fr)

POULIE ET SYSTÈME DE TRANSMISSION

Publication

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Application

EP 18831892 A 20180713

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Abstract (en)

[origin: WO2019010539A1] The present invention provides a transmission system (12) comprising a first pulley (11) connected to an output (111) by a cable (40) such that movement of the first pulley causes rotation of the output. The first pulley comprises an annular recess (25) between a first side (17) of the first pulley and a second side (19) of the first pulley. The annular recess is adapted to receive the cable such that the cable is supported by the first pulley. The first pulley also comprises a pair of support surfaces (31) located in the annular recess. The pair of support surfaces are moveable in a lateral direction relative to the sides of the pulley between a spaced condition, wherein the first pulley is at a first diameter and the pair of support surfaces do not engage the cable, and a meshed condition, wherein the first pulley is at a second diameter and the pair of support surfaces support the cable, the second diameter being larger than the first diameter.

IPC 8 full level

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Citation (search report)

- [XI] WO 2017070736 A1 20170504 - TREADLIE ENG PTY LTD [AU]
- [A] WO 2005111463 A1 20051124 - WONG ANTHONY [CA], et al
- [XI] US 2013274042 A1 20131017 - CHO YOON KYU [KR]
- See references of WO 2019010539A1

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DOCDB simple family (publication)

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