

Title (en)

CENTRAL WEB CONCEPT IN AN EPICYCLIC GEARBOX SUCH AS A PLANETARY GEARBOX AND EQUIVALENT SUPPORTING METHOD

Title (de)

MITTELSTEGKONZEPT BEI EINEM RÄDERUMLAUFGETRIEBE WIE EINEM PLANETENGETRIEBE UND ÄQUIVALENTES STÜTZVERFAHREN

Title (fr)

CONCEPT DE PONT CENTRAL POUR UN ENGRENAGE DE RECIRCULATION DE TYPE ROUE, TEL QU'UN ENGRENAGE PLANÉTAIRE, ET PROCÉDÉ DE SUPPORT ASSOCIÉ

Publication

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Application

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Abstract (en)

[origin: WO2019202159A1] The present invention relates to a planetary gearbox and the planet carrier thereof, wherein because of central coupling a first torque and a second torque resulting from torsion of the planet bearing elements on the planet carrier experience at least partial compensation of the torque components which cancel each other out because of favorable merging of the torques, before the torques are led out. It is thereby possible to use a more filigree, e.g. sheet-metal, planet carrier for planetary gearboxes having fairly large torques.

IPC 8 full level

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