

Title (en)

PLANETARY GEARBOX, DRIVE TRAIN, WIND TURBINE AND INDUSTRIAL APPLICATION

Title (de)

PLANETENGETRIEBE, ANTRIEBSSTRANG, WINDKRAFTANLAGE UND INDUSTRIE-APPLIKATION

Title (fr)

ENGRENAGE PLANÉTAIRE, CHÂÎNE CINÉMATIQUE, ÉOLIENNE ET APPLICATION INDUSTRIELLE

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Application

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Abstract (en)

[origin: WO2020001942A1] The invention relates to a planetary gearbox (10), which comprises at least three consecutively connected gearing stages (20, 30, 40). A first and a second gearing stage (20, 30) are designed as planetary stages (19). According to the invention, the third gearing stage (40) is designed as a planetary stage (19) having a stationary gearing component (11). Alternatively, the third gearing stage (40) is designed as a spur gear stage (21) and is coupled in turn to a fourth gearing stage (50), which is also designed as a spur gear stage (21). The invention further relates to a drive train (60) of a wind turbine (70), in which wind turbine a corresponding planetary gearbox (10) is used as a gearbox (66). The invention further relates to a wind turbine (70) equipped with a corresponding drive train (60). Furthermore, the invention relates to an industrial application (80) having a corresponding planetary gearbox (10) as a gearbox (66).

IPC 8 full level

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