

Title (en)

METHOD OF MOUNTING A HYDRAULIC PITCH CONTROL SYSTEM IN A WIND TURBINE HUB

Title (de)

VERFAHREN ZUR MONTAGE EINES HYDRAULISCHEN SPITZENSTEUERUNGSSYSTEMS IN EINER WINDTURBINENNABE

Title (fr)

PROCÉDÉ DE MONTAGE D'UN SYSTÈME DE COMMANDE DE PAS HYDRAULIQUE DANS UN MOYEU D'ÉOLIENNE

Publication

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Application

EP 10832677 A 20101124

Priority

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Abstract (en)

[origin: WO2011063815A1] A pitch control system for wind turbine generator (WTG), in particular a hydraulic pitch control system, of the type being adapted to be mounted inside a WTG hub (10) for controlling the pitch of the WTG blades in relation to the direction of the wind so as to optimize the power outcome of the WTG and to secure neutral pitch of the WTG blades during braking down the WTG as well, where said hydraulic pitch control system is in the form of a prefabricated, assembled and tested one piece hydraulic pitch control system unit (2) ready for in situ mounting inside said WTG hub (10) with a minimum of mounting work. Hereby is obtained that hitherto rather difficult in situ mounting work - inside the WTG hub - may be reduced to a minimum and that in situ testing of the pitch control system may even be superfluous. Furthermore is obtained a considerably reduction of the time consumption in connection with the in situ mounting work by the installation of the pitch control system inside the WTG hub.

IPC 8 full level

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CPC (source: EP US)

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