

Title (en)

POLE SHOE OF A GENERATOR, PREFERABLY A GENERATOR OF A WIND TURBINE GENERATOR SYSTEM

Title (de)

POLSCHUH EINES GENERATORS, VORZUGSWEISE EINES GENERATORS EINER WINDENERGIEANLAGE

Title (fr)

PIÈCE POLAIRE D'UN GÉNÉRATEUR, DE PRÉFÉRENCE D'UN GÉNÉRATEUR D'UNE ÉOLIENNE

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Application

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Abstract (en)

[origin: CA2830960A1] The present invention relates to a pole shoe, in particular of a generator, comprising a pole assembly (4), which is of a laminated configuration, at least one winding (6), which is arranged around the pole assembly (4), and a body (7), which passes through the laminated pole assembly (4) in the longitudinal direction (A) thereof and has a number of transversely directed points of engagement, preferably at most three transversely directed points of engagement, in which a holding means (8) can respectively engage in order to fasten the pole shoe on a base (9), in particular the rotor or stator of a generator. The present invention also relates to a pole shoe, in particular of a generator, comprising a pole assembly (4), which is of a laminated configuration, at least one winding (6), which is arranged around the pole assembly (4), and an insulating means (5), which is arranged between the pole assembly (4) and the winding (6), wherein the insulating means (5) comprises a fibre-composite material, and wherein the insulating means (5) creates an adhesive bond between the pole assembly (4) and the winding (6). The present invention also relates to a pole shoe, in particular of a generator, with a pole assembly (4), which is of a laminated configuration, at least one winding (6), which is arranged around the pole assembly (4), and at least one end piece (1), which is provided at at least one end of the pole assembly (4) in the longitudinal direction (A) thereof, between the pole assembly (4) and the winding (6), wherein the end piece (1) has rounded-off edges in order to create an edge-free transition between the end piece (1) and the pole assembly (4) for the winding.

IPC 8 full level

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