

Title (en)

BEARING BUSH, BEARING BUSH ASSEMBLY, AND WIND TURBINE BEARING FOR WIND TURBINES

Title (de)

LAGERBUCHSE, LAGERBUCHSENANORDNUNG UND WINDENERGIEANLAGENLAGER FÜR WINDENERGIEANLAGEN

Title (fr)

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Abstract (en)

[origin: CA3226526A1] The invention relates to a bearing bush (1) for movably mounting a generator-side component (3) and a foundation-side component (5) of a wind turbine, the bearing bush comprising an elastomer part (35) having a hollow chamber (36) for accommodating a foundation- or generator-side bearing bolt (11) that defines a longitudinal direction (L), further comprising a bracing subassembly (13) designed to compress the elastomer part (35) on both sides in the longitudinal direction (L) in such a way as to exert a preloading force, directed in the longitudinal direction (L), on both sides of the elastomer part (35) when compressing the elastomer part (35). The invention further relates to a bearing bush assembly consisting of 6, 8, 12, 15 or 20 bearing bushes as well as to a wind turbine bearing.

IPC 8 full level

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