

Title (en)

SEGMENT SHEET FOR A STATOR LAMINATION STACK, STATOR LAMINATION STACK, AND GENERATOR AND WIND TURBINE COMPRISING SAME

Title (de)

SEGMENTBLECH FÜR EIN STATORBLECHPAKET, STATORBLECHPAKET, SOWIE GENERATOR SOWIE WINDENERGIEANLAGE MIT SELBIGEM

Title (fr)

TÔLE SEGMENTÉE POUR UN EMPILAGE DE TÔLES DE STATOR, EMPILAGE DE TÔLES DE STATOR, AINSI QUE GÉNÉRATEUR ET ÉOLIENNE COMPRENANT CELUI-CI

Publication

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Application

EP 19801866 A 20191111

Priority

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Abstract (en)

[origin: WO2020094884A1] The invention relates to a segment sheet (21, 47, 53, 55, 65, 93) for a stator lamination stack (15) of a generator (1) of a wind turbine (100). The segment sheet (21) has the shape of a ring segment with a first radial section (23) in which recesses (29) are provided for receiving a stator winding, a second radial section (25) which is arranged adjacently to the first section (23) in the radial direction and which forms a segment of a magnetic yoke of the generator (1), and a third radial section (27) which is arranged adjacently to the second section (25) in the radial direction. According to the invention, the third radial section (27) has at least two recesses (36, 49, 59, 61, 71) that are arranged in an azimuthally spaced manner and are designed to connect to profiled strips (13, 41, 51, 67, 97, 107), which are arranged on a stator support ring (7), in order to establish a form-fitting connection.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2020094884A1

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