

Title (en)

METHOD FOR REPLACING A TRANSFORMER IN A WIND ENERGY INSTALLATION

Title (de)

VERFAHREN ZUM AUSTAUSCHEN EINES TRANSFORMATORS EINER WINDENERGIEANLAGE

Title (fr)

PROCÉDÉ POUR REMPLACER UN TRANSFORMATEUR D'UNE ÉOLIENNE

Publication

**EP 2625130 A1 20130814 (DE)**

Application

**EP 11764201 A 20111004**

Priority

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- EP 2011067311 W 20111004

Abstract (en)

[origin: CA2811114A1] What is provided is: a method for replacing a generator of a wind energy installation. In this case, the generator is provided in the interior of a tower of a wind energy installation and the tower (140) has a door opening (150). A replacement crossbeam (300) is fastened, via a first stop point (310), to a crane hook of a mobile crane (500). A first end of the replacement crossbeam (300) is inserted with a second stop point (320) through the door opening (150) into the tower (140). The transformer (220) to be replaced is fixed to the second stop point (320) of the first end (300). A compensating weight (400) is fixed to the second stop point (320) at the second end of the replacement crossbeam (300). The second end of the replacement crossbeam (300) is tipped or inclined until the transformer is at the height of the door opening (150), and the crane hook is moved until the transformer to be replaced is located outside the door opening (150).

IPC 8 full level

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CPC (source: EP KR US)

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