

Title (en)

METHOD FOR PRODUCING A LOW-INDUCTION BUSBAR

Title (de)

VERFAHREN ZUM HERSTELLEN EINES INDUKTIONSARMEN BUSBAR

Title (fr)

PROCÉDÉ DE PRODUCTION D'UNE BARRE OMNIBUS À FAIBLE INDUCTION

Publication

EP 2740334 A1 20140611 (DE)

Application

EP 12769588 A 20120803

Priority

- DE 102011109609 A 20110805
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Abstract (en)

[origin: WO2013020543A1] Method for producing a low-induction busbar having first connections (10), a large number of first busbar strips (12) which are arranged in a first busbar plane, a large number of second busbar strips (14) which are arranged in a second busbar plane, a large number of capacitors (16), which are electrically connected to the busbar strips (12, 14), and second connections (18), providing a tray (20) with a base (22) and a border (24) which projects peripherally from said base so as to form a frame and which is composed of an electrically insulating material, producing a busbar element by arranging the first busbar strips (12) which form the first busbar plane, applying a film (28), which is provided with openings (26) which provide access to the first busbar strips (12), to the first busbar strips (12), arranging the second busbar strips (14), which form the second busbar plane, on the film (28), bending the regions of the busbar strips which form the connections upwards, fitting and making electrical contact with the capacitors (16) through the openings (16) in the film (28) on the first and on the second busbar strips (14), inserting the busbar element into the tray (20) and pouring an encapsulation compound (30) into the tray (20) so as to surround the base of the capacitors (16) up to below the edges of the border (24) which forms a frame, while leaving free the connections (10, 18).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2013020543A1

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