

Title (en)  
MOLDED TRANSFORMER

Title (de)  
GEFORMTER TRANSFORMATOR

Title (fr)  
TRANSFORMATEUR MOULÉ

Publication  
**EP 3176796 A4 20180411 (EN)**

Application  
**EP 15828039 A 20150708**

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Abstract (en)  
[origin: EP3176796A1] A molded transformer according to one embodiment of the present invention has a primary coil, and a secondary coil that is disposed inside the primary coil in a state in which a predetermined space is provided between them, wherein the primary and secondary coils are supported by a plurality of support structures. The plurality of support structures are provided between the ends of the primary and secondary coils and a frame, and each of the support structures comprises an insulator block and a wide insulating plate having a wider surface area than the bottom surface area of the insulator block. A top surface of the insulator block is abutted to the ends of the primary and secondary coils, and the wide insulating plate is disposed between the bottom surface of the insulator block and the frame.

IPC 8 full level  
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• [XAI] EP 0265612 A1 19880504 - SIEMENS AG [DE]  
• [A] DE 20210882 U1 20021010 - SIEMENS AG [DE]  
• [A] JP H10106852 A 19980424 - TOSHIBA CORP  
• [A] KR 20110031682 A 20110329 - SUNG JIN GENERAL ELECTRIC CO LTD [KR]  
• [A] DD 53189 A1 19670105  
• See references of WO 2016017381A1

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US12051537B2; EP3629349A1; EP3817015A1; WO2020064514A1; WO2021084112A1

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