

Title (en)  
SLIT TRANSFORMER

Title (de)  
GESCHLITZTER TRANSFORMATOR

Title (fr)  
TRANSFORMATEUR A FENTES

Publication  
**EP 0918342 B1 20030827 (EN)**

Application  
**EP 98917775 A 19980430**

Priority  
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Abstract (en)  
[origin: EP0918342A1] The present invention is about a high frequency transfer which seeks for automatic winding method of a coil and reducing the manufacturing cost of the high frequency transfer by operating the dipping process which prevents shorting of the coil in the atmospheric pressure without vacuum device. In the high frequency transfer of the present invention, plurality of slots 150 are included at a winding part 106 of a bobbin and supporting part 129 for each of the upper core 300 and lower core 200 are fixed at the fixing part which is at an each end of the bobbin. Also, a projecting part 131 of the each upper and lower core face each other with a certain gap inside the penetrating hole 104 of the bobbin, whereas the projecting part 132a of the upper core and the projecting part 132b of the lower core are fixed to each other by contacting outside of the winding part 104 of the bobbin. The first coil and second coil being wind at the winding part 106 wind at each of the slot 150 in turns putting the gap which is formed by the projecting part 131 at the center for determining the standard distance. <IMAGE>

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IPC 8 full level  
**H01F 41/00** (2006.01); **H01F 5/02** (2006.01); **H01F 38/42** (2006.01)

CPC (source: EP KR)  
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Cited by  
DE102017211400B4; DE102017211400A1; US7924133B2; US7948344B2; US11786263B2

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