

Title (en)  
CAPTURED CONTACT COIL

Title (de)  
ERFASSTE KONTAKTSPULE

Title (fr)  
BOBINE DE CONTACT CAPTURÉE

Publication  
**EP 3444827 A1 20190220 (EN)**

Application  
**EP 17196758 A 20171017**

Priority  
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Abstract (en)  
The present invention relates to a method for producing a coil (1), wherein a wire (10) clad with an electrical insulation (11) is wound so as to form a coil bundle (2) comprising a plurality of layers (3) arranged on top of one another, wherein each layer (3) comprises a plurality of windings (4) of the wire (10), wherein a first electrical contact member (100) is arranged in the coil bundle (2) such that a plurality of successive first windings (5) extend over a front side (101a) of a first section (101) of the first electrical contact member (100), wherein each of said first windings (5) comprises a wire section (50) arranged on said front side (101a) of said first section (101) of the first electrical contact member (100), wherein electrical insulation is removed from said wire sections (50) to form exposed wire regions (51), and wherein said exposed wire regions (51) are soldered to said front side (101a) of said first section (101) of said first electrical contact member (101). Furthermore, the present invention relates to a coil.

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Citation (search report)  
• [A] GB 275471 A 19270811 - BRITISH ELECTRIC TRANSFORMER C, et al  
• [A] US 2154070 A 19390411 - FRANZ ERWIN E  
• [A] US 3142030 A 19640721 - LENOX WARREN S, et al

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