

Title (en)  
ANTENNA COIL

Title (de)  
ANTENNENSPULE

Title (fr)  
BOBINE D'ANTENNE

Publication  
**EP 2966655 A3 20160413 (EN)**

Application  
**EP 15180569 A 20110211**

Priority  
• JP 2010030710 A 20100215  
• EP 11154180 A 20110211

Abstract (en)  
[origin: EP2360704A1] In an antenna coil which includes a core member having an X-axis leg section protruding in the X-axis direction from an intersection of the core member and having a Y-axis leg section protruding in the Y-axis direction from the intersection, X-axis winding wires wound around the outer periphery of the X-axis leg section, and Y-axis winding wires wound around the outer periphery of the Y-axis leg section, at least one of an X-axis winding frame section for the X-axis winding wire, the X-axis winding frame section being provided at the X-axis leg section, and a Y-axis winding frame section for the Y-axis winding wire, the Y-axis winding frame section being provided at the Y-axis leg section, has one of intermediate flange sections for respectively separating the X-axis winding frame section and the Y-axis winding frame section into a pair of winding frame sections and a pair of winding frame sections, the winding frame sections of each of the pairs corresponding to different winding shapes.

IPC 8 full level  
**H01F 3/00** (2006.01); **G07C 9/00** (2006.01); **H01F 3/10** (2006.01); **H01F 5/00** (2006.01); **H01F 5/02** (2006.01); **H01F 17/04** (2006.01); **H01F 27/30** (2006.01); **H01Q 1/32** (2006.01); **H01Q 7/00** (2006.01); **H01Q 7/06** (2006.01); **H01Q 21/24** (2006.01)

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Citation (search report)  
• [XY] EP 1727236 A1 20061129 - SUMIDA CORP [JP]  
• [XY] EP 1376762 A1 20040102 - TOKAI RIKAI CO LTD [JP]  
• [Y] EP 2093833 A1 20090826 - SUMIDA CORP [JP]  
• [Y] JP 2007288345 A 20071101 - SUMIDA CORP  
• [Y] JP 2005175965 A 20050630 - MURATA MANUFACTURING CO

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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