

Title (en)
Coil device.

Title (de)
Spulenordnung.

Title (fr)
Dispositif de bobine.

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Application
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Abstract (en)
The present invention provides a coil device including magnetic cores having gaps at positions of at least opposing to each other in a magnetic path to be formed and a coil wound to include at least one of said gaps and its improvement consists in the fact that a shape of at least one of the opposing magnetic cores forming the gaps around which said coil is wound is made as a curve of logarithmic function from its base end to its extreme end and its most extreme end is provided with a gap adjusting flat surface. With such an arrangement as above, the present invention provides a coil device capable of reducing a leakage magnetic flux generated around the gaps, preventing an abnormal generation of heat of the coil and further preventing a bad influence of noise against a peripheral apparatus. <IMAGE>

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H01F 3/14 (2013.01); **H01F 27/346** (2013.01); **H01F 38/023** (2013.01)

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