

Title (en)

A rotary transformer.

Title (de)

Drehtransformator.

Title (fr)

Transformateur tournant.

Publication

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Application

EP 93114422 A 19930908

Priority

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- JP 25098892 A 19920921

Abstract (en)

The rotary transformer of this invention includes a cylindrical inner magnetic core portion and a cylindrical outer magnetic core portion enclosing the inner magnetic core portion. The inner magnetic core portion and the outer magnetic core portion are rotatable with respect to each other about a common axis. The inner magnetic core portion has windings as a first coil on the outside surface, and the outer magnetic core portion has windings as a second coil on the inside surface. The inside surface opposes the outside surface of the inner magnetic core portion with a predetermined distance therebetween. Either the outer magnetic core portion or the inner magnetic core portion can be made from a resin ferrite, or both outer and inner magnetic core portions can be made from the same resin ferrite. <IMAGE>

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