

Title (en)  
INDUCTION DEVICES WITH DISTRIBUTED AIR GAPS

Title (de)  
INDUKTIONSVORRICHTUNGEN MIT VERTEILTEN LUFTSPALTEN

Title (fr)  
DISPOSITIFS A INDUCTION DOTES D'ENTREFERS REPARTIS

Publication  
**EP 1194936 A1 20020410 (EN)**

Application  
**EP 00937461 A 20000525**

Priority  
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Abstract (en)  
[origin: WO0074089A1] A distributed air gap material for an induction device in power systems for minimizing fringe losses, mechanical losses, vibration and noise in the core. The distributed air gap material occupies a selected portion of the core and is formed of a finely divided magnetic material in a matrix of a dielectric material. The air gap material has a zone of transition in which the magnetic permeability values vary within the air gap material.

IPC 1-7  
**H01F 27/24**

IPC 8 full level  
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CPC (source: EP)  
**H01F 3/14** (2013.01)

Citation (search report)  
See references of WO 0074089A1

Citation (examination)  
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