

Title (en)  
Electrical insulating material and high voltage equipment

Title (de)  
Elektrisch isolierendes Material und Hochspannungsausrüstung

Title (fr)  
Matériau isolant électrique et équipement haute tension

Publication  
**EP 2533251 B1 20140806 (EN)**

Application  
**EP 12156022 A 20120217**

Priority  
JP 2011129747 A 20110610

Abstract (en)  
[origin: EP2533251A1] An electrical insulating material excellent in crack resistance properties without deteriorating the properties of an insulating resin in a solid insulation system, and a high voltage equipment using the same are provided. An electrical insulating material comprising: an epoxy resin; a curing agent; and an elastomer particle (3) and an inorganic particle (2) as an additive material, wherein at least a part of the elastomer particle (3) is radiation cross-linked. A high voltage equipment such as a transformer, a circuit breaker, a motor, and an inverter, in which this electrical insulating material is applied at a site requiring an electrical insulation of an electrical equipment.

IPC 8 full level  
**H01B 3/40** (2006.01)

CPC (source: EP)  
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Cited by  
EP2749590A1; EP3069868A1; WO2016146796A1

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DOCDB simple family (publication)  
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**EP 12156022 A 20120217**; CN 201210034403 A 20120216; IN 444DE2012 A 20120216; JP 2011129747 A 20110610