

Title (en)
ELECTRICAL INSULATION, USE OF AN ELECTRICAL INSULATION, AND METHOD OF PRODUCING AN ELECTRICAL INSULATION

Title (de)
ELEKTRISCHE ISOLIERUNG, VERWENDUNG EINER ELEKTRISCHEN ISOLIERUNG UND VERFAHREN ZUR HERSTELLUNG EINER ELEKTRISCHEN ISOLIERUNG

Title (fr)
ISOLATION ÉLECTRIQUE, UTILISATION D'UNE ISOLATION ÉLECTRIQUE ET PROCÉDÉ DE PRODUCTION D'UNE ISOLATION ÉLECTRIQUE

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EP 3648117 A1 20200506 (EN)

Application
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Priority
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Abstract (en)
An electrical insulation (20) comprises an electrically insulating material (21) and an electrical tree inhibiting material in the electrically insulating material (21). The electrical tree inhibiting material comprising a plurality of capsules (30) having a shell and an electrically insulating liquid within the shell.

IPC 8 full level
H01B 7/28 (2006.01); **H01B 3/22** (2006.01); **H01B 3/30** (2006.01); **H01B 3/40** (2006.01); **H01B 3/44** (2006.01); **H01B 3/46** (2006.01)

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H01B 3/22 (2013.01); **H01B 3/302** (2013.01); **H01B 3/40** (2013.01); **H01B 3/441** (2013.01); **H01B 3/46** (2013.01); **H01B 7/2813** (2013.01)

Citation (applicant)

- US 6764616 B1 20040720 - BEISELE CHRISTIAN [DE], et al
- P. VIJAYAN; M. A. ALMAADEED: "Containers' for self-healing epoxy composites and coating: Trends and advances", EXPRESS POLYMER LETTERS, vol. 10, no. 6, 2016, pages 506 - 524
- X. J. YE ET AL.: "Improvement of fatigue resistance of epoxy composite with microencapsulated epoxy-SbF5 self-healing system", EXPRESS POLYMER LETTERS, vol. 11, no. 1, 2017, pages 853 - 862
- X. J. YE ET AL.: "Improvement of fatigue resistance of epoxy composite with microencapsulated epoxy-SbF5 self-healing system", EXPRESS POLYMER LETTERS, vol. 11, no. 11, 2017, pages 853 - 862

Citation (search report)

- [X] EP 1168372 A1 20020102 - ABB RESEARCH LTD [CH]
- [X] US 3446741 A 19690527 - HERVIG HAROLD C, et al
- [A] WO 2016170952 A1 20161027 - NITTO DENKO CORP [JP]

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