

Title (en)

Barrier system for a high voltage device and high voltage device with a barrier system

Title (de)

Barriersystem für ein Hochspannungsgerät und Hochspannungsgerät mit einem Barriersystem

Title (fr)

Système de barrière pour un appareil à haute tension et appareil à haute tension doté d'un système de barrière

Publication

**EP 2637177 B1 20171129 (DE)**

Application

**EP 13155892 A 20130220**

Priority

DE 102012203714 A 20120308

Abstract (en)

[origin: EP2637177A1] The barrier system (9) comprises a corrugated board that includes several windings (6). A smooth paper insert is inserted between the windings of the corrugated board.

IPC 8 full level

**H01B 3/18** (2006.01); **H01B 3/20** (2006.01); **H01B 3/52** (2006.01); **H01B 3/54** (2006.01)

CPC (source: EP)

**H01B 3/185** (2013.01); **H01B 3/20** (2013.01); **H01B 3/52** (2013.01); **H01B 3/54** (2013.01)

Citation (examination)

DATABASE WPI Week 201137, Derwent World Patents Index; AN 2011-F25962

Citation (opposition)

Opponent : Weidmann Holding AG (CH)

- US 3716813 A 19730213 - HILLYARD P
- GB 199118 A 19230614 - ARTHUR PERCY MORRIS FLEMING, et al
- GB 991546 A 19650512 - REYROLLE A & CO LTD
- CN 102005287 A 20110406 - NINGBO YONGJIA HENGYE GROUP CO LTD
- EP 2637177 A1 20130911 - SIEMENS AG [DE]
- WO 9827393 A1 19980625 - ROLLS ROYCE PLC [GB]
- 2005, article ANDREAS KÜCHLER: "Handbuch Hochspannungstechnik", pages: 480 - 482, 445, XP055516610
- H.J. KIRCH ET AL.: "Modern transformer main insulation with corrugated board", INTERNATIONAL SYMPOSIUM ON ELECTRICAL INSULATION MATERIALS, 2001, Himeji, Japan, pages 833 - 836, XP010570040
- ANDREAS KÜCHLER: "Hochspannungstechnik", HANDBUCH, 2005, pages 516 - 517, XP055516669
- H. P. MOSER ET AL.: "Transformerboard", HANDBUCH, 1979, pages 23 - 27, XP055516691

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EP3809428A1; CN103745824A; EP2637177B1

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