

Title (en)
SYSTEM AND METHOD FOR PROVIDING CERTIFIABLE ELECTROMAGNETIC PULSE AND RFI PROTECTION THROUGH MASS-PRODUCED SHIELDED CONTAINERS AND ROOMS

Title (de)
SYSTEM UND VERFAHREN ZUR BEREITSTELLUNG EINES ZERTIFIZIERBAREN ELEKTROMAGNETISCHEN IMPULSES UND ZUM RFI-SCHUTZ DURCH IN MASSEN HERGESTELLTE ABGESCHIRMTE BEHÄLTER UND RÄUME

Title (fr)
SYSTEME ET PROCEDE DE PROTECTION CONTRE LES IMPULSIONS ELECTROMAGNETIQUES ET RFI POUVANT RECEVOIR L'AGREMENT, FAISANT INTERVENIR DES ENCEINTES ET DES LOCAUX BLINDES FABRIQUES EN SERIE

Publication
EP 1941588 A4 20110316 (EN)

Application
EP 06846175 A 20061027

Priority
• US 2006060306 W 20061027
• US 73039505 P 20051027

Abstract (en)
[origin: WO2007051165A2] Disclosed are a system and method for providing certifiable shielded cabinets and rooms, or pods, to protect devices, equipment and people from electromagnetic interference such as electromagnetic pulse, and directed energy attack. The method simulates the separate electric and magnetic shield requirements and capabilities of each type of materials, simulating them separately and together to form a combined set of materials layered for an enhanced electromagnetic shield that is lighter weight and less expensive. Further disclosed is a system and method for SCADA, RFID, and OID monitoring and controls to enable initial and ongoing testing and control.

IPC 8 full level
H05K 9/00 (2006.01)

CPC (source: EP)
H05K 9/0052 (2013.01); **H05K 9/0069** (2013.01)

Citation (search report)
• [Y] US 4890083 A 19891226 - TRENKLER GEORGE [US], et al
• [Y] US 6812707 B2 20041102 - YONEZAWA TADASHI [JP], et al
• [Y] US 6098891 A 20000808 - GUTHERY SCOTT B [US], et al
• [IY] B.D.MOTTAHED, S.MANOOCHEHRI: "a review of research in materials, modeling and simulation, design factors, testing, and measurements related to electromagnetic interference shielding", POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol. 34, no. 2, March 1995 (1995-03-01), pages 271 - 346, XP002618543
• [I] "design considerations in buiding- Shielded enclorure", COTS JOURNAL, January 2004 (2004-01-01), XP002618544
• See references of WO 2007051165A2

Designated contracting state (EPC)
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DOCDB simple family (publication)
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