

Title (en)  
Shielding fabric against electromagnetic radiation

Title (de)  
Abschirmungsgewebe gegen elektromagnetische Strahlung

Title (fr)  
Protection de tissus contre les radiations électromagnétiques

Publication  
**EP 2233620 A3 20131127 (EN)**

Application  
**EP 10000909 A 20100129**

Priority  
PL 38758009 A 20090323

Abstract (en)  
[origin: EP2233620A2] Shielding fabric against electromagnetic radiation, especially designed for the protecting clothes, is characterized by a weft threads. Maximum each 10 th weft thread is a three - component bunch thread (11) that consists of electroconductive core thread (1) with a ferromagnetic. It is positioned in a rounding of electroconductive effect thread (2). This effect thread creates random accumulations (3) in a shape of solenoids on a core thread. The solenoids are fixed in a stable way on a core thread (1) by the means of binding thread (4). The warp thread and the rest of weft threads are made favorable of cotton threads. The threads of warp and weft are interlaced favorable with each other by the means of plain weave.

IPC 8 full level  
**D03D 15/00** (2006.01); **D02G 3/12** (2006.01); **D02G 3/34** (2006.01); **D02G 3/44** (2006.01); **D03D 1/00** (2006.01)

CPC (source: EP US)  
**D02G 3/12** (2013.01 - EP); **D02G 3/34** (2013.01 - EP); **D02G 3/441** (2013.01 - EP); **D03D 1/0058** (2013.01 - EP); **D03D 15/00** (2013.01 - EP US); **D03D 15/25** (2021.01 - EP US); **D03D 15/283** (2021.01 - EP US); **D03D 15/47** (2021.01 - EP US); **D03D 15/49** (2021.01 - EP); **D10B 2101/12** (2013.01 - EP); **D10B 2101/20** (2013.01 - EP); **D10B 2201/02** (2013.01 - EP); **D10B 2331/04** (2013.01 - EP); **D10B 2401/061** (2013.01 - EP); **D10B 2401/063** (2013.01 - EP); **D10B 2401/16** (2013.01 - EP); **D10B 2501/04** (2013.01 - EP)

Citation (search report)  
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