

ABSTRACT

Conductive geotextile and method of manufacturing the same

The geotextile comprises a woven fabric (1) consisting of weft yarns (2) and warp yarns (3). The weft yarns and warp yarns are conductive composite yarns consisting of one or more non-conductive polymer filaments and one or more conductive metal wires twisted together under tension. Alternatively, the weft yarns are conductive composite yarns consisting of one or more non-conductive polymer filaments and one or more conductive metal wires twisted together under tension. A part of the warp yarns are conductive composite yarns consisting of one or more non-conductive polymer filaments and one or more conductive metal wires twisted together under tension and the remaining part of the warp yarns are made of non-conductive polymer filaments.

Patent application No. 3597/MUM/2013