

Title (en)
A WATERPROOF COVERING SYSTEM FOR COVERING A SURFACE, CIVIL STRUCTURE AND CORRESPONDING METHOD FOR FORMING A WATERPROOF COVERING SYSTEM

Title (de)
WASSERDICHTES ABDECKSYSTEM ZUM ABDECKEN EINER OBERFLÄCHE, EINER ZIVILEN STRUKTUR UND ENTSPRECHENDES VERFAHREN ZUM HERSTELLEN EINES WASSERDICHTEN ABDECKSYSTEMS

Title (fr)
SYSTÈME DE RECOUVREMENT IMPERMÉABLE À L'EAU POUR RECOUVRIR UNE SURFACE, STRUCTURE CIVILE ET PROCÉDÉ CORRESPONDANT POUR FORMER UN SYSTÈME DE RECOUVREMENT IMPERMÉABLE À L'EAU

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Abstract (en)
A waterproof covering system (1) for covering a surface comprising a geotextile (2), a geogrid (8) arranged on the geotextile (2). The system further comprises anchoring means (10), comprising a nailing member (12) and a retaining plate (14) operatively associated thereto. The retaining plate (14) comprises a plurality of through holes and is arranged such that in the operation position of the anchoring means (10), the retaining plate (14) overlaps the geogrid (8). Finally, a first coating layer (18) of synthetic polymer forms a continuous coating is applied by in situ projection. The first coating layer (18) covers the geotextile (2), the geogrid (8) and the anchoring means (10), and cures to a solid state to provide a positive fit connection between the first coating layer (18) and the anchoring means (10). The invention further relates to a civil structure and a method for forming a waterproof covering system.

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Citation (search report)

- [I] WO 0107756 A1 20010201 - BONA WILLIAM CLAUDIO [AU]
- [A] WO 2013192257 A1 20131227 - SWARNY MARK [US]
- [A] ES 2393876 A1 20121228 - KRYPTON CHEMICAL S L [ES], et al
- [A] US 6761504 B1 20040713 - BRANDENBERGER ROLF [CH], et al

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