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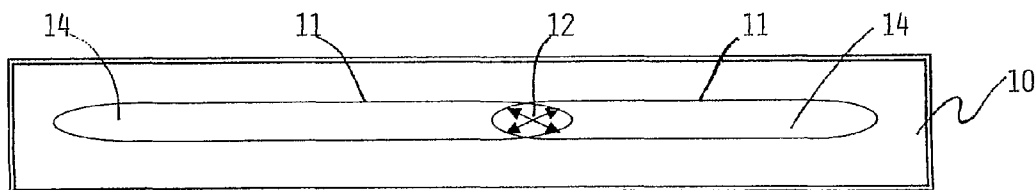
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(54) Title: REINFORCEMENT FOR CONCRETE ELEMENTS AND SYSTEM AND METHOD FOR PRODUCING REINFORCED CONCRETE ELEMENTS



(57) Abstract: The present invention relates to reinforcement for concrete elements, comprising at least one elongated string formed of a smaller number of single fibre filaments which, when embedded in a matrix, form a fibre string, the exterior surface of which being coated with a particle shaped material, such as for example sand. The reinforcement comprises at least one or more loops, formed by repeatedly winding of said fibre string and that said loop(s) preferably are closed or laid in a continuous wind, the ends of the loops or the wind function as an end anchor for the reinforcement in the concrete element. The invention relates also to a reinforcement system based on the reinforcement described above. In addition, the invention relates to a method for fabricating such reinforcement system and a method for using such reinforcement system.

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