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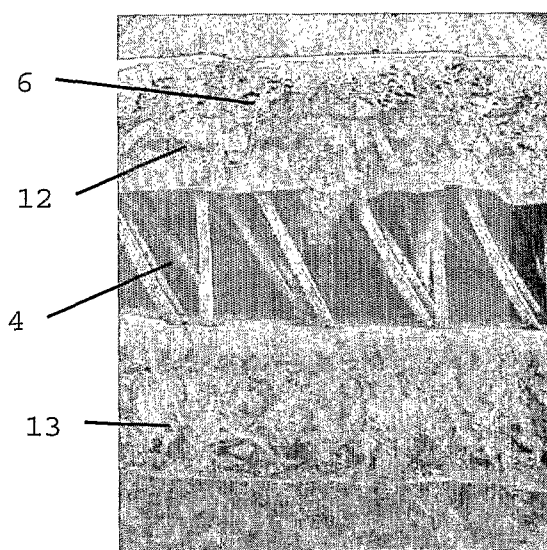
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(54) Title: INTEGRATED PERMEATE CHANNEL MEMBRANE



(57) Abstract: The present invention is related to a membrane, comprising a permeate channel consisting of a 3D spacer fabric having an upper and a lower fabric surface (2,3) spaced apart by monofilament thread (4) at a predefined distance, said permeate channel being interposed between two membrane layers (12, 13), wherein said membrane layers are linked at a multitude of points with said upper and lower fabric surfaces to form an integral structure with a high bonding strength suitable for backflush operations. The present invention further relates to a method for providing an integrated permeate channel membrane, comprising the steps of: - Providing a 3D spacer fabric comprising an upper and lower surface fabric (2,3) spaced apart by monofilament thread (4) at a predefined distance, and - Applying a membrane layer to both said upper and said lower surface fabric.

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