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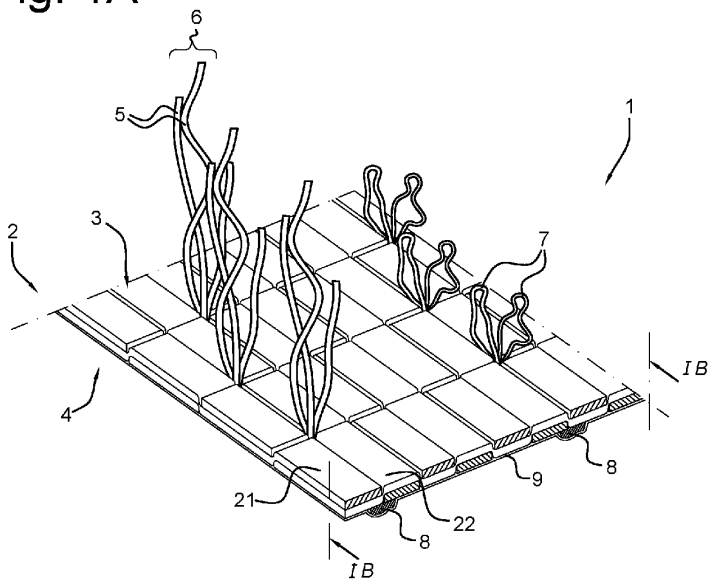
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Fig. 1A



(57) Abstract: The present invention relates to a polyethylene backing layer for an artificial turf substrate consisting essentially of highly oriented, high density polyethylene filaments forming warp and weft threads, the high density polyethylene filaments having a density of at least 945 kg/m3 and a melt flow index of maximum 2 g/10 min. The invention further relates to filaments for making such a backing layer, a method for producing such filaments and an artificial turf substrate including such a backing layer.

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