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(54) Title: STABILIZED ULTRA HIGH MOLECULAR WEIGHT POLYOLEFIN FIBER

(57) Abstract: The present invention provides an ultrahigh molecular weight polyolefin fiber coated with a coating composition, wherein the coating composition contains a UV stabilizer, characterized in that the amount of UV stabilizer is between 2 wt% and 80 wt.% compared to the total weight of the coating composition based on solids. The UV absorber can be selected from the group consisting of hydroxybenzophenones, hydroxyphenylbenzotriazoles, oxalanilides, phenyl esters, benzooxazinones, cyanoacrylates, formamidine, benzyldiene malonates and hydroxyphenyl triazines and combinations thereof. Such fibers are particularly useful in ropes and fishing nets.

