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Melker et al.

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(54) **TOOLS FOR INSTALLATION AND REPAIR OF SPRINKLERS**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 71 days.

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(52) **U.S. Cl.** **29/240**

(58) **Field of Search** 29/283.5, 240, 29/240.5, 456, 509, 520, 293, 577; 81/10

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(57) **ABSTRACT**

Tools are provided for removing an inner tubular housing and/or outer casing of a pop-up sprinkler head and for purging an irrigation system of debris. The tools include a ring and disc used in conjunction to remove an inner tubular housing, a grooved cylinder and guide shaft used in conjunction to remove an outer casing, and the guide shaft and purge conduit with valve used in conjunction to purge an irrigation system.

8 Claims, 5 Drawing Sheets

