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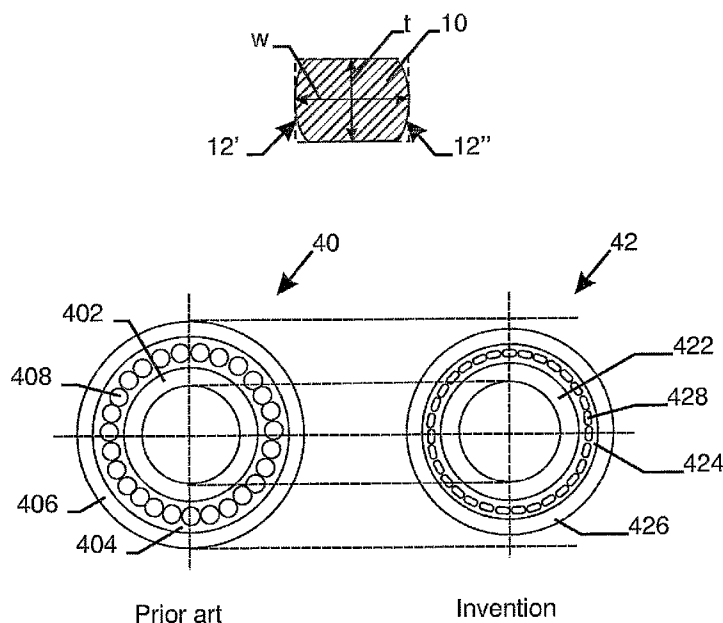
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(54) Title: FLAT HIGH-TENSILE WIRE AS HOSE REINFORCEMENT



(57) Abstract: A flexible hose or pipe (42) is reinforced by means of at least one flattened steel wire (10, 20) with natural edges. The steel wire has a thickness-to-width ratio t/w below 0.95, a tensile strength R_m exceeding $3500 - 2000 \times d$, where d is the diameter of a circle having the same cross-sectional surface and where R_m is expressed in MPa and a permanent elongation at maximum load A_g of at least 0.70 %. The flattening of the steel wire (10, 20) allows to recuperate ductility which has been lost as a result of the drawing until the final tensile strength R_m .

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