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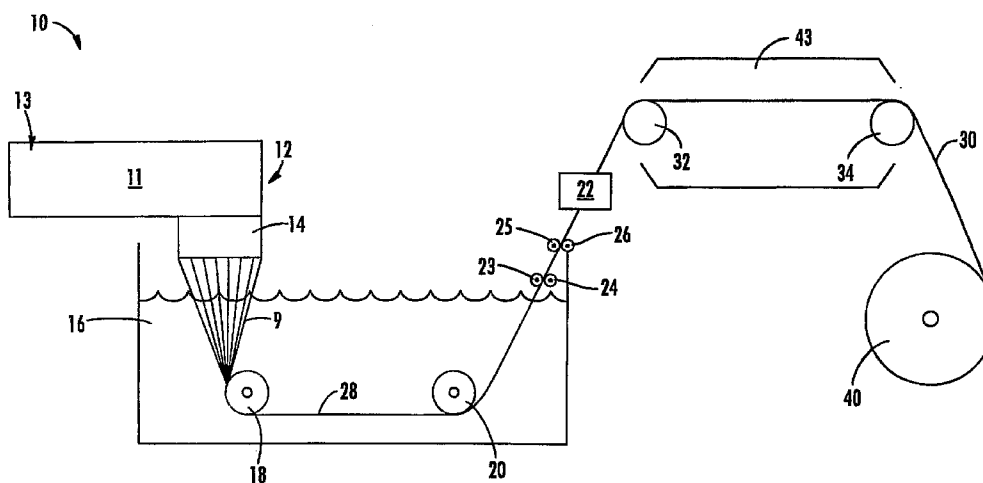
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(54) Title: MELT-SPUN MULTIFILAMENT POLYOLEFIN YARN FORMATION PROCESSES AND YARNS FORMED THEREFROM



(57) Abstract: A process (10) of making polyolefin multifilament yarn (30) including feeding a polyolefin and a nucleating agent to the inlet (13) of an extruder (12) having a mixing manifold (11), extruding filaments (9) through a spinneret (14) into a cooling bath (16), collecting the filaments with take-up rolls (18, 20) to form a fiber bundle (28), passing the fiber bundle (28) through nip rolls (23, 24, 25, 26) to a finish applicator (22), passing the fiber bundle (28) through an oven (43) and drawing with draw rolls (32, 34) to form a multifilament yarn (30) and winding the multifilament yarn onto a take-up roll (40).

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