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(54) Title: METHOD FOR MANUFACTURING A COMPOSITE RING, COMPOSITE RING, USE OF THE RING IN A SEAL ASSEMBLY AND SEAL ASSEMBLY

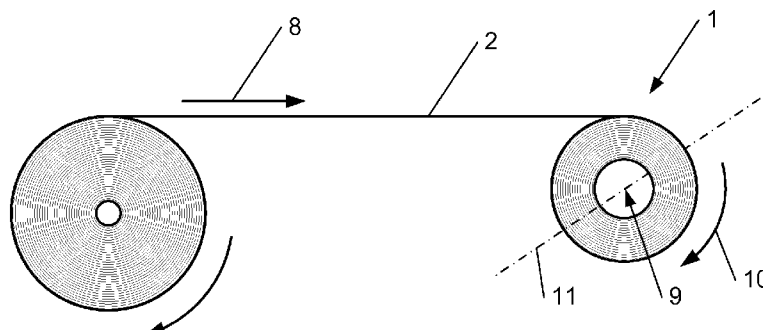


Fig. 2

(57) Abstract: A method for manufacturing a composite ring (1) comprising the steps of: (a) providing band-shaped means (2) of reinforcement fibres (5, 5') impregnated with a high temperature thermoplastic material and (b) wrapping the band-shaped means (2) around a mandrel (9) to form the ring (1) in such a way that a first group (5) of the embedded reinforcement fibres extends substantially continuously along a first direction (3) with respect to the circumferential direction (10) of the ring (1), characterised in that the band-shaped means (2) is wrapped in such a way that a second group (5') of the embedded reinforcement fibres extends substantially continuously along a second direction (4) different from the first direction (3) with respect to the circumferential direction (10) of the ring (1).

