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(54) Title: BULKING AGENT APPLICATOR FOR TREATING FEMALE URINARY INCONTINENCE

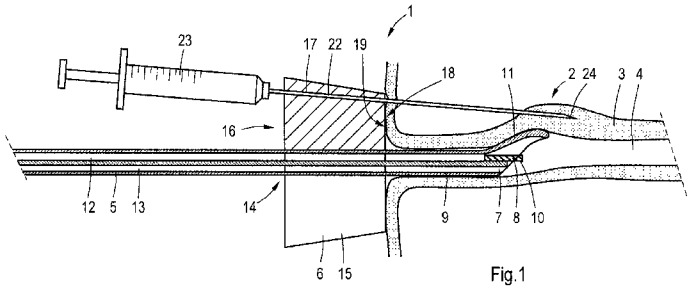


Fig.1

(57) Abstract: Applicator (1, 40) for injecting a bulking agent at one or more selected submucosal positions (2) in a periurethral tissue of a female patients' urethra (4). The applicator comprises a lance (5, 41), such as a cystoscope with a distal end provided with one or more optical sensors (10), and a needle guide (6, 42) with a bore (14, 45) receiving the lance. The needle guide comprises needle channels at different angular positions, each needle channel (17, 48) extending between a needle entrance surface and an opposite shoulder surface (18). The needle channels (17, 48) are oriented to direct a needle via external peripheral tissue of the urethral meatus (19) to a submucosal position at a urethra section, e.g., within the optical scope of the optical sensor.

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