

CATHETER FOR INJECTING A FLUID OR MEDICAMENT

ABSTRACT

In an injection catheter, a bundle of injection needles may be moved relatively to the point of the catheter. The point of the catheter is axially moved in relation to the shaft of the catheter or, when the point of the catheter is fixed to the shaft of the catheter, the bundle of injection needles moves in the longitudinal direction. For that purpose, the points of the catheter may have different designs. The injection needles within the catheter shaft may also have different designs and be guided in various manners. In order to cause the injection needles to move relatively to the point of the catheter, an actuator controls the extension and the retraction of the injection needles by controlled shifting of two parts movable relative to each other and at same time allows medications to be delivered through medicament supply connections.

This Sheet Has Been Replaced

