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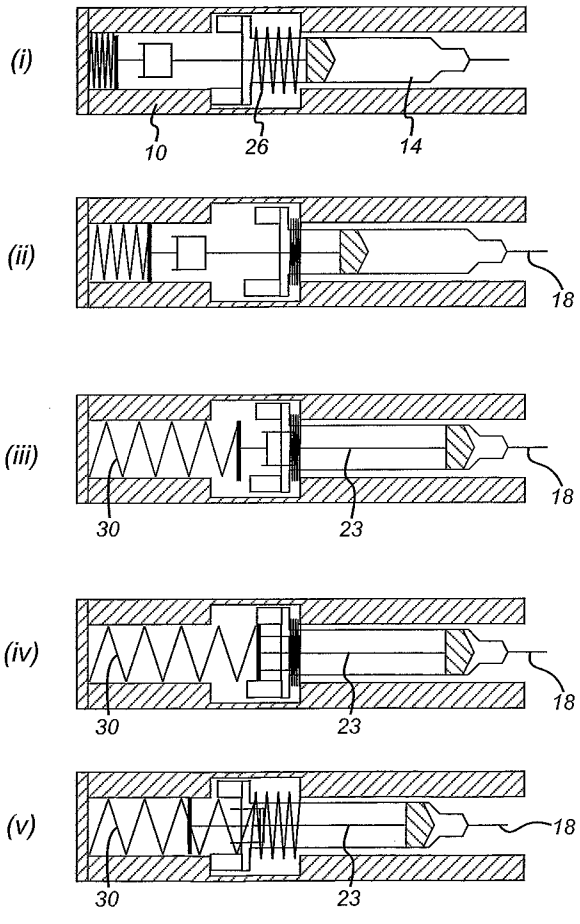
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(54) Title: INJECTION DEVICE



(57) Abstract: An injection device (210, 110) is described. A housing (212; 112) receives a syringe and includes a return spring (226; 126) for biasing the syringe from an extended position in which its needle (218; 118) extends from the housing to a retracted position in which the it does not. A drive spring (230; 130) acts on a first drive element (232; 132) and a second drive element (234; 134) acts upon the syringe to advance it from its retracted position to its extended position and discharge its contents through the needle. The first drive element is capable of movement relative to the second once a nominal decoupling position has been reached. A release mechanism is activated when the first drive element is further advanced to a nominal release position, to release the syringe (214; 114) from the action of the drive spring, whereupon the return spring restores the syringe to its retracted position. The nominal decoupling and release positions are defined relative to the syringe. This may be achieved by interaction between a moving component and a decoupling component (162, 262) that moves with the syringe as it is advanced.

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